TA-H6700

SERVICE MANUAL

AEP Model
UK Model

This set is the Amplifier section in MHC-6700.

SPECIFICATIONS

Continuous RMS power output
- For satellite speaker:
  28 + 28 watts (8 ohms at 1 kHz, DIN)
  33 + 33 watts (8 ohms at 1 kHz, 5% THD)
- For bass speaker:
  32 + 32 watts (6 ohms at 110 Hz, DIN)
  37 + 37 watts (6 ohms at 110 Hz, 5% THD)

Music power output
- For satellite speaker:
  50 + 50 watts (8 ohms at 1 kHz, 10% THD)
- For bass speaker:
  55 + 55 watts (6 ohms at 110 Hz, 10% THD)

Outputs
- HEADPHONES (stereo minijack):
  accepts headphones of 8 ohms or more
- SPEAKER (SATELLITE):
  accepts speakers of 8 to 16 ohms
- SPEAKER (BASS):
  accepts speakers of 6 to 16 ohms

Design and specifications subject to change without notice.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

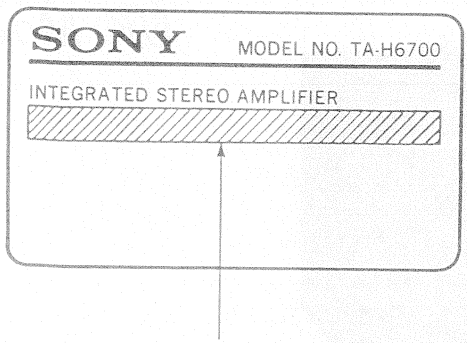
MICROFILM

INTEGRATED STEREO AMPLIFIER

SONY®

MODEL IDENTIFICATION

— Model Number Label —



AEP model : AC: 220—230V~50/60Hz
Italian model : AC: 220—230V~50Hz
Germany model: SYSTEM MHC-6700
AC: 220—230V~50Hz
UK model : AC: 240V~50Hz

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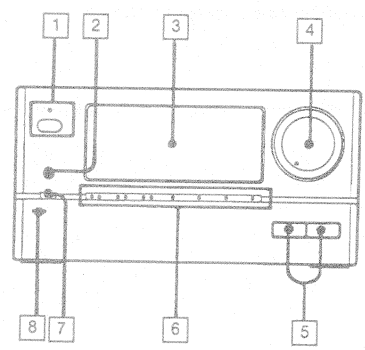
SECTION 1
GENERAL

This section is extracted from instruction manual.

1-1. PARTS IDENTIFICATION

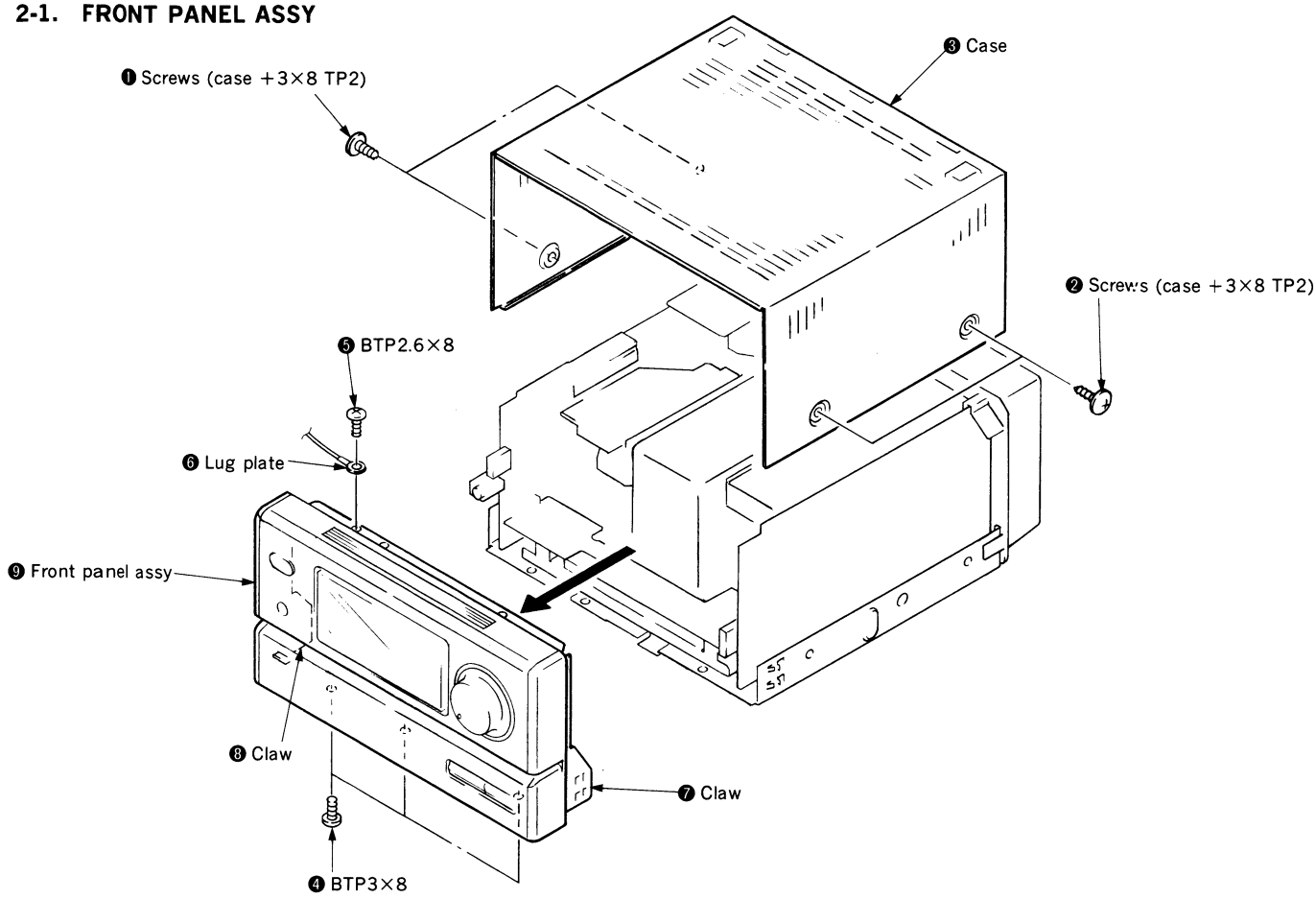
[1] SYSTEM POWER switch and STANDBY indicator
The indicator remains lit as long as the AC power cord is connected to a wall outlet.
[2] HEADPHONES jack (stereo minijack)
[3] Display window
[4] VOLUME control ㉓
[5] VIDEO and AUDIO FUNCTION selectors ㉒ ⑰
[6] Function indicators ㉒ ⑰
[7] WAKE UP VOL SET indicator ⑲
[8] OPEN tab



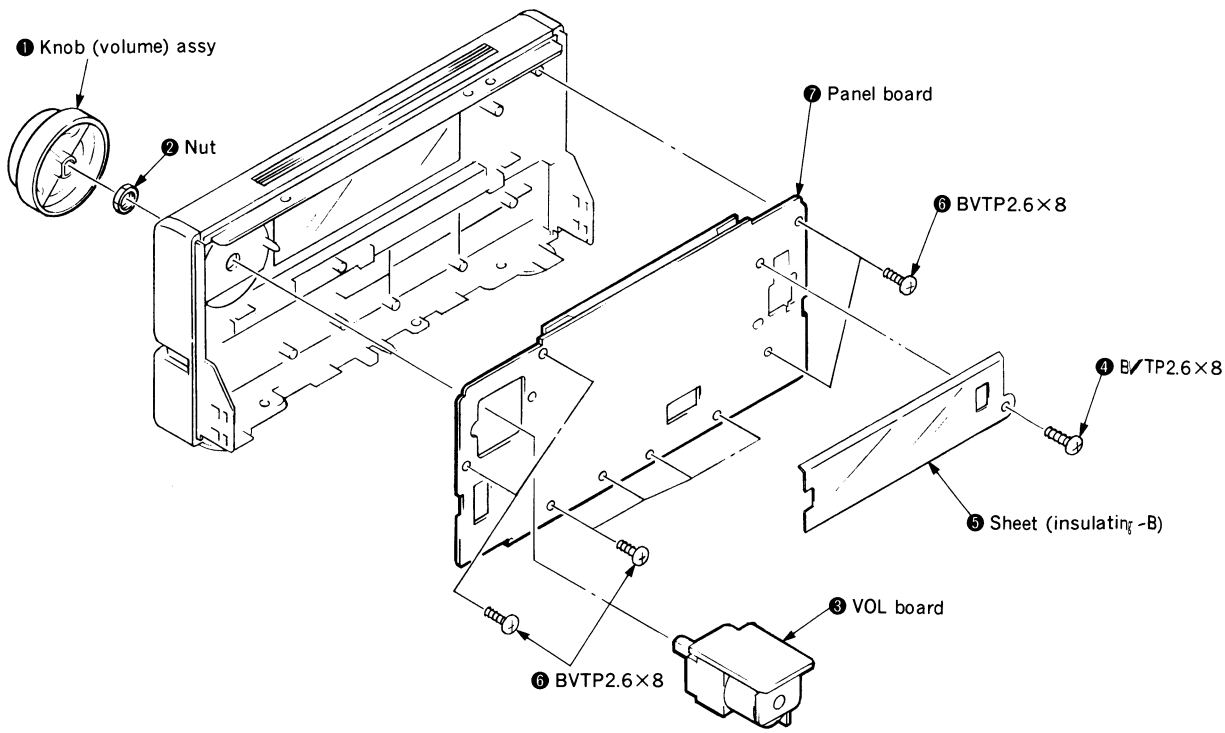
SECTION 2
DISASSEMBLY

Note : Follow the disassembly procedure in the numerical order given.

2-1. FRONT PANEL ASSY



2-2. PANEL BOARD



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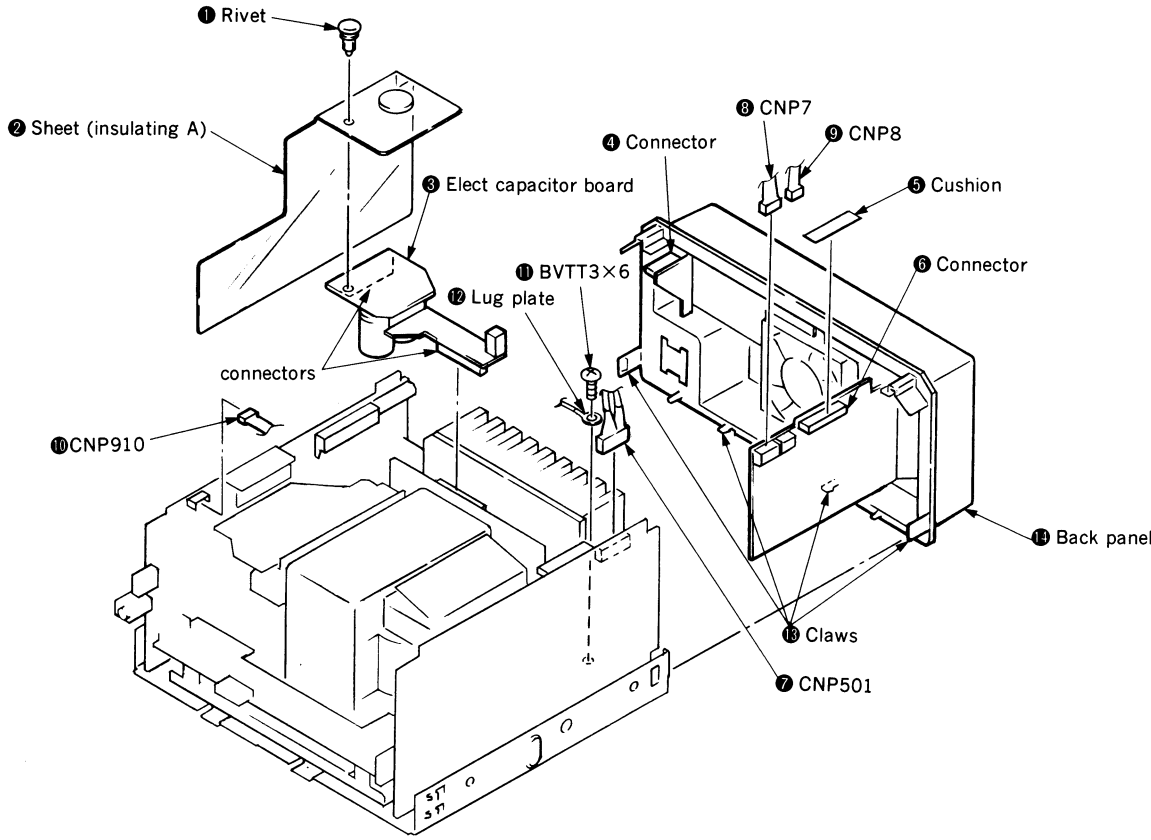
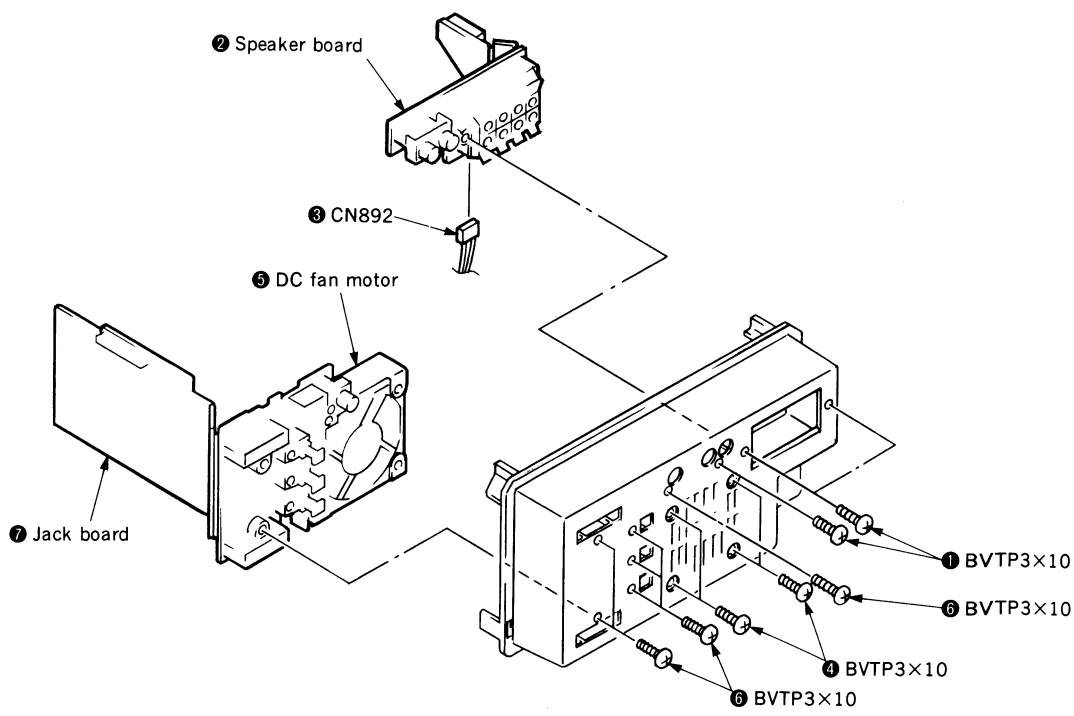
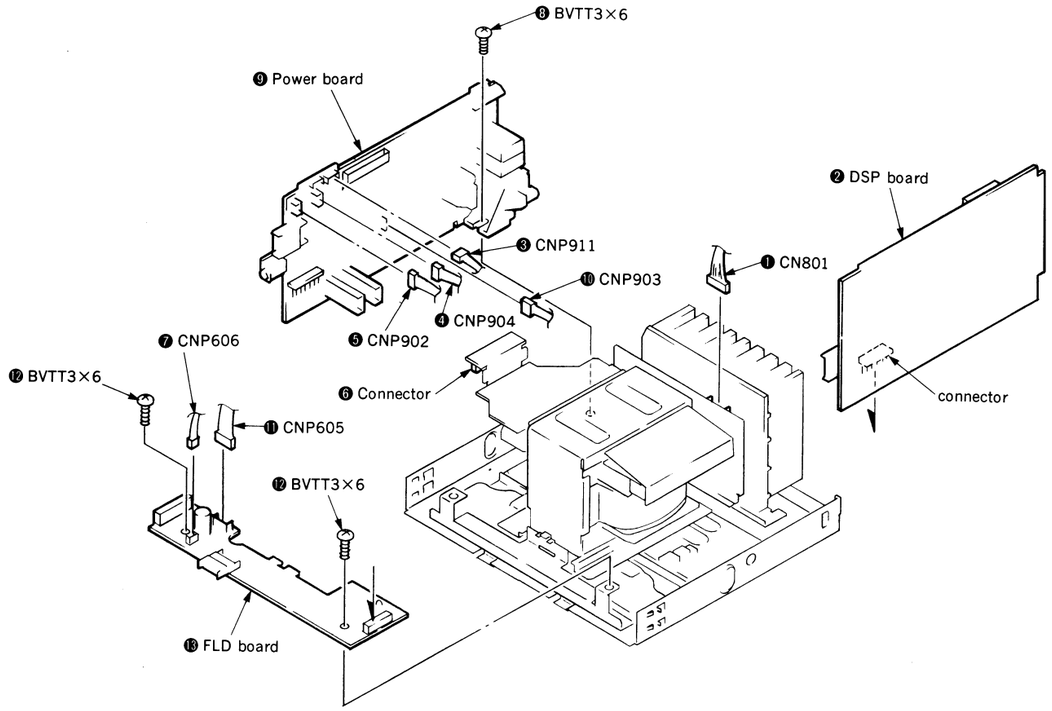


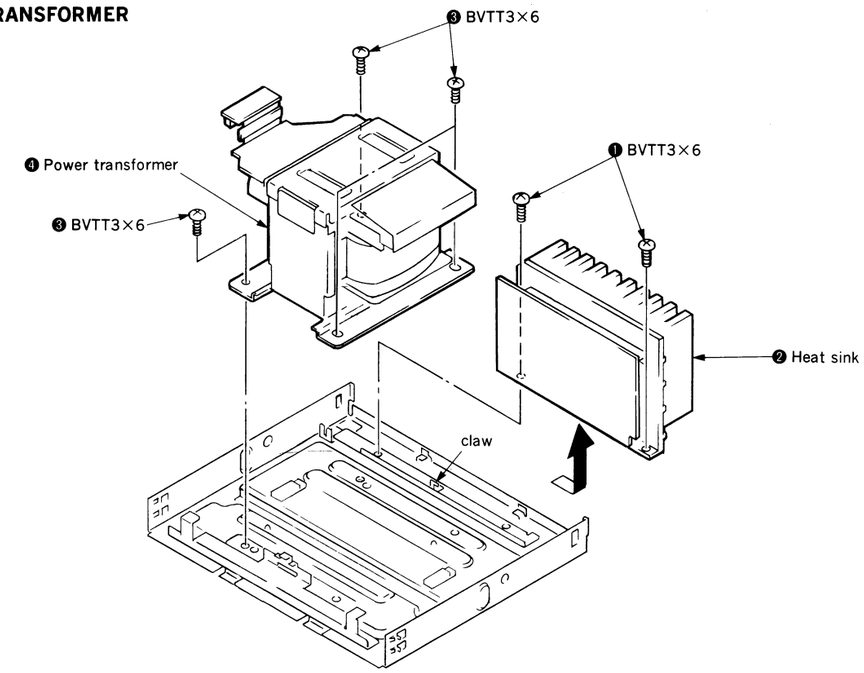
2-4. JACK BOARD, SPEAKER BOARD



2-5. POWER BOARD, DSP BOARD

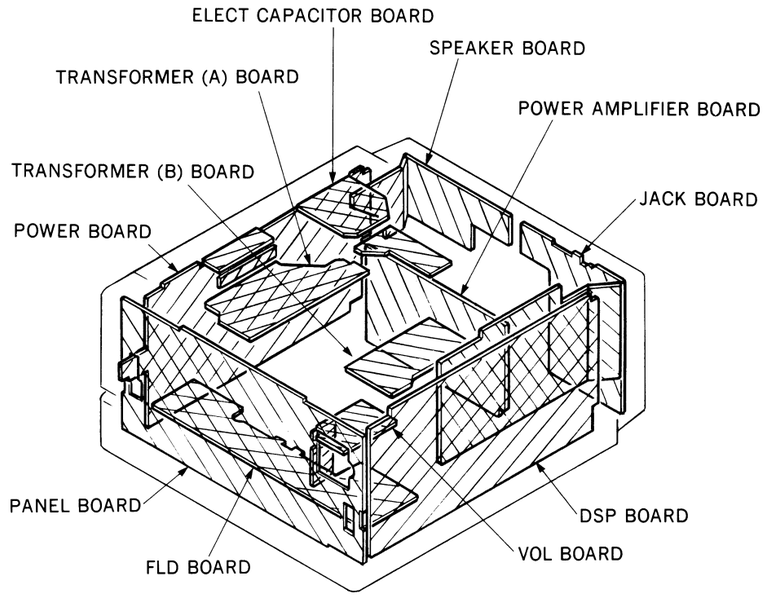


2-6. POWER TRANSFORMER



SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. SEMICONDUCTOR LEAD LAYOUTS

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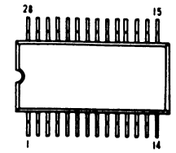

(TOP VIEW)

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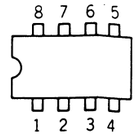

(Top view)

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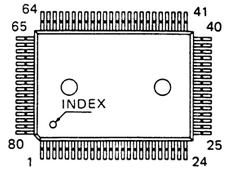
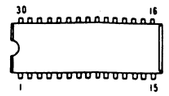


MARKING SIDE VIEW

LC7822



(Top view)

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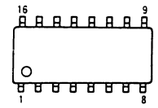

(TOP VIEW)

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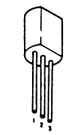
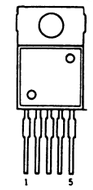


1. VCC
2. OUTPUT
3. GND

LM3875-Q



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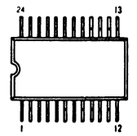

(TOP VIEW)

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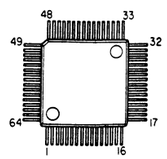

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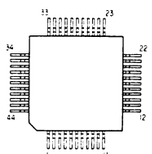

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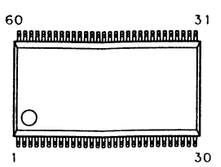

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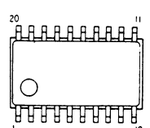
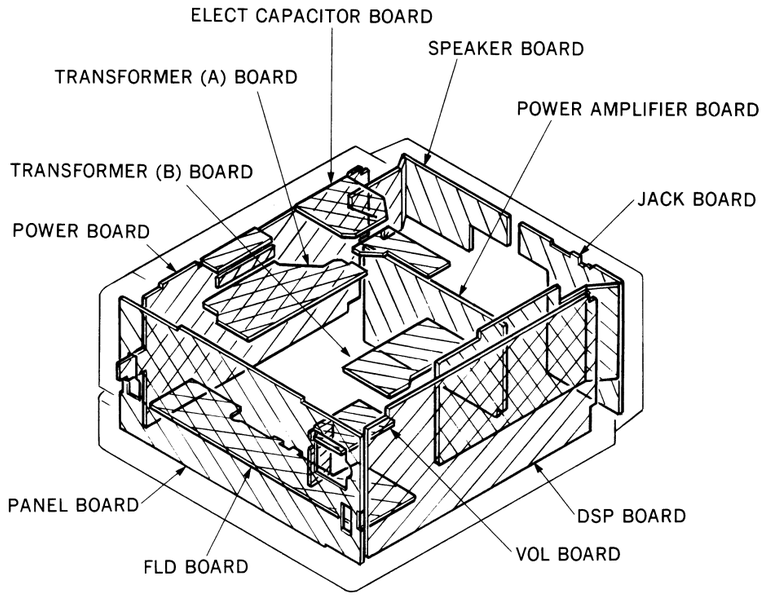


SECTION 3
DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. SEMICONDUCTOR LEAD LAYOUTS

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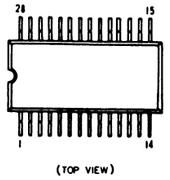

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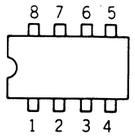

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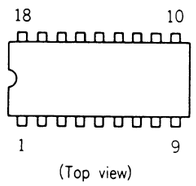

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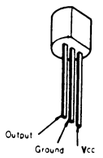

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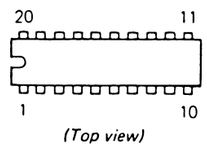

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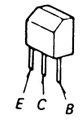

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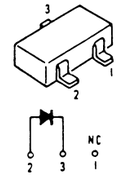

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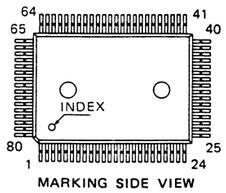

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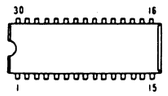

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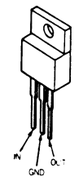

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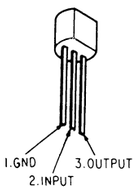

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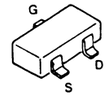

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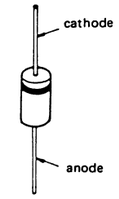

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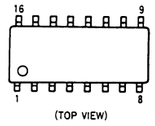

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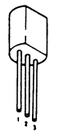

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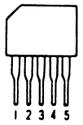

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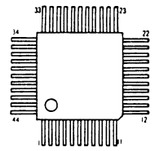

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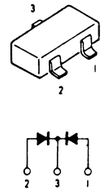

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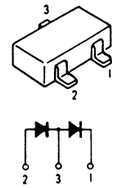

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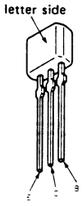
letter side



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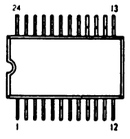

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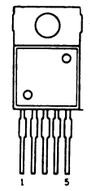

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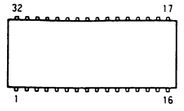
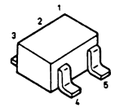
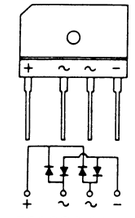


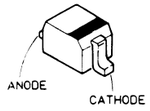
TC7S08F



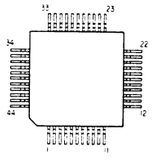
D5SBA20F01



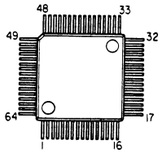
1T363



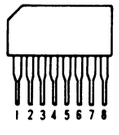
CXD2701Q



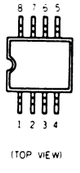
MC68HC11L6SC-
400618FU



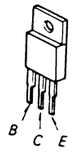
M5218AL
M5230L-A
μPC1237HA



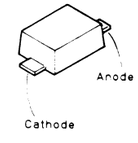
TL082CPS



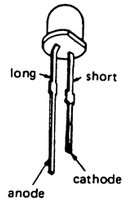
2SB1094-LK
2SD2012



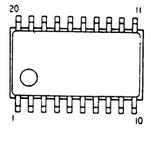
EC10QS-04
MA8056



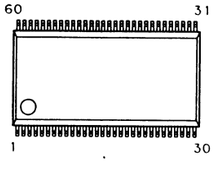
SEL2210S



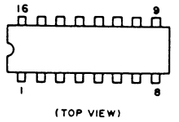
CXD8245M



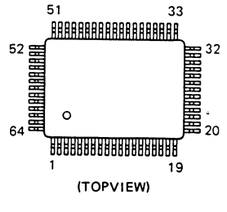
MSC7162



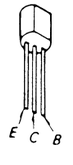
M5283P



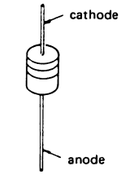
TMP90CM40F-2611



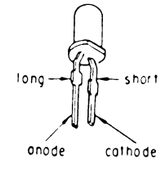
2SB1013-4
2SC1841-PAFAEA
2SD1387
2SD1616A-K



HZS6B1L
HZS30-2L
HZS33-2L
UZL-36M
11ES2



SEL2410E-D



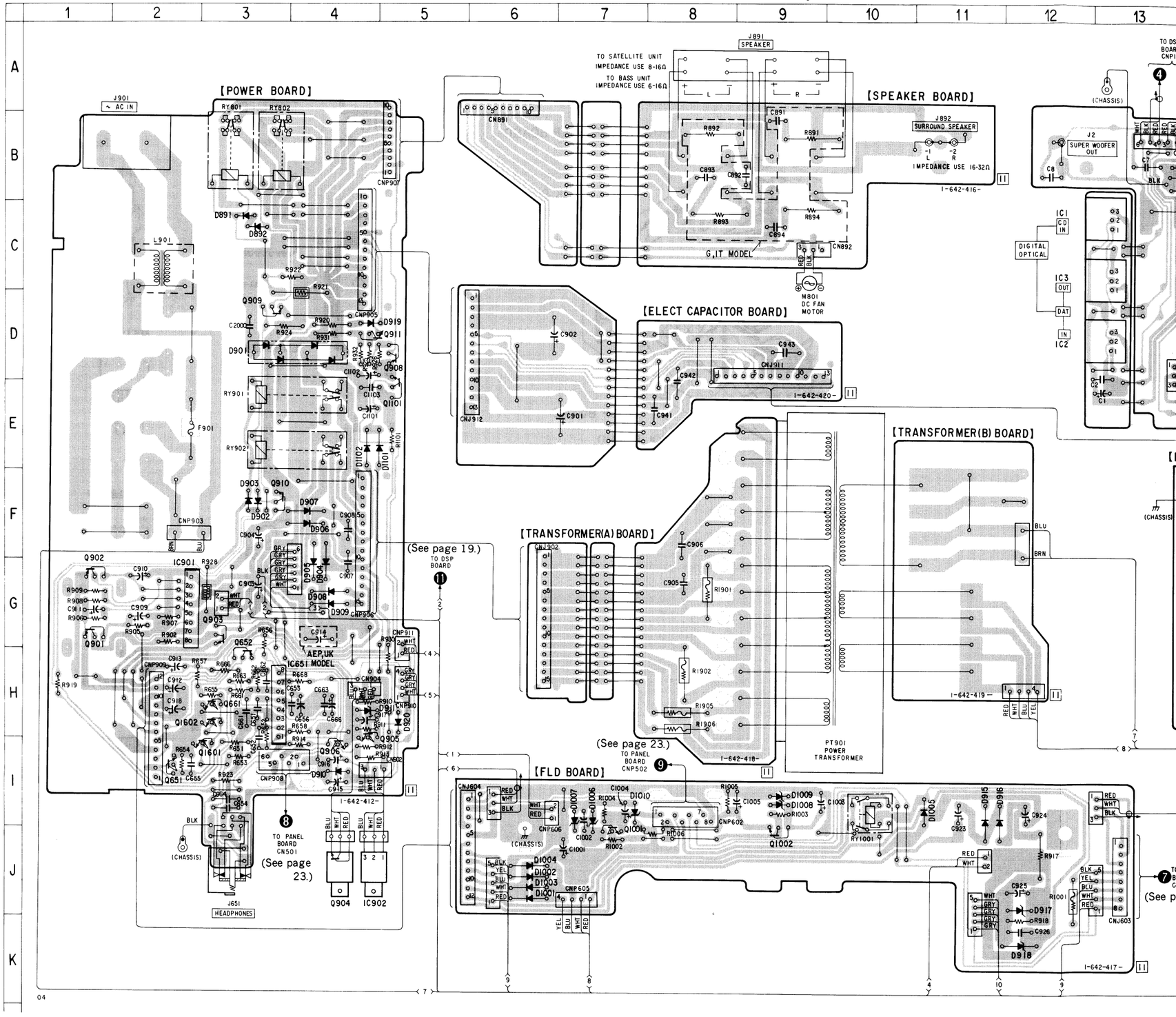
• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D601	G-20	IC1	C-13
D602	G-20	IC2	D-13
D701	G-16	IC3	C-13
D702	F-17	IC601	G-20
D703	F-17	IC651	H-3
D704	G-16	IC701	F-16
D705	G-16	IC702	H-16
D706	G-17	IC703	G-17
D801	H-15	IC801	I-15
D802	G-15	IC821	I-14
D821	H-15	IC851	I-16
D822	G-15	IC871	I-18
D851	H-17	IC901	G-2
D852	G-15	IC902	J-4
D871	H-17		
D872	G-15	Q601	F-20
D891	C-3	Q602	G-20
D892	C-3	Q651	I-2
D901	D-3	Q652	H-3
D902	F-3	Q661	H-3
D903	F-3	Q701	F-16
D904	G-4	Q801	H-15
D905	G-4	Q821	H-14
D906	F-4	Q851	G-17
D907	F-4	Q871	H-18
D908	G-4	Q901	G-1
D909	G-4	Q902	G-1
D910	I-4	Q903	G-3
D911	H-4	Q904	J-4
D915	I-11	Q905	H-4
D916	I-11	Q906	H-4
D917	J-12	Q908	D-5
D918	K-12	Q909	D-3
D919	D-5	Q910	F-3
D920	H-5	Q911	D-5
D1001	J-6	Q1001	J-7
D1002	J-6	Q1002	J-9
D1003	J-6	Q1101	E-5
D1004	J-6	Q1601	I-3
D1005	I-11	Q1602	H-3
D1006	I-7		
D1007	I-7		
D1008	I-9		
D1009	I-9		
D1010	I-7		
D1101	E-4		
D1102	E-4		

Note:

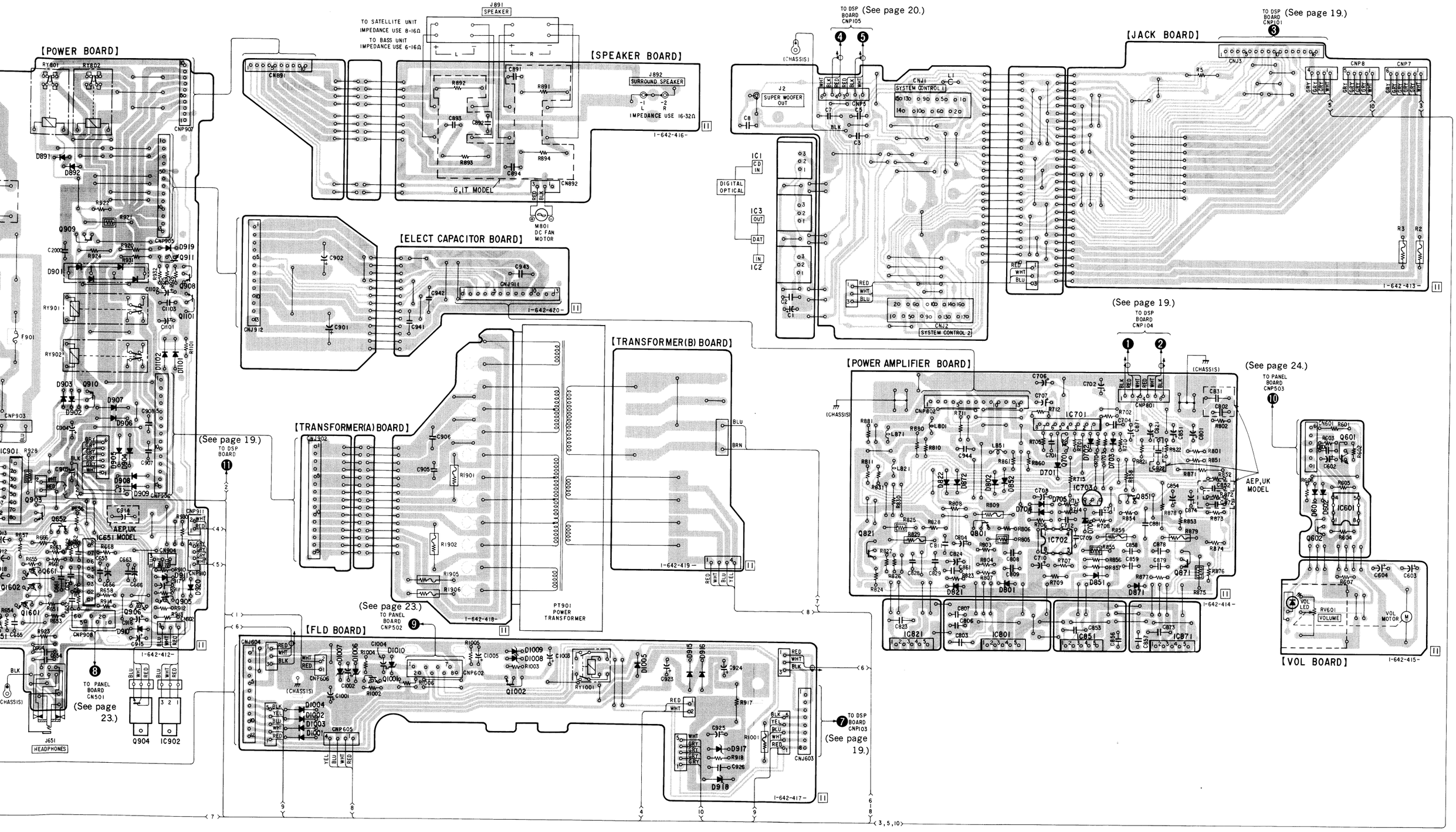
- ○—— : parts extracted from the component side.
- G : Germany model
  IT : Italian model

3-3. PRINTED WIRING BOARDS — POWER/JACK/VOLUME SECTION — • Refer to page 6 for Semiconductor Lead Layouts.



BOARDS — POWER/JACK/VOLUME SECTION — • Refer to page 6 for Semiconductor Lead Layouts.

3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21



3-4. SCHEMATIC DIAGRAM — POWER/JACK/VOLUME SECTION — • Refer to page 28 for IC Block Diagrams.

(See page 16.)

TO DSP BOARD CNP104

CNP801 GND R LOW L LOW L HIGH R HIGH GND

IC801 POWER AMP — IC801 LM3875-2 — AEP, UK MODEL — HR

IC821 POWER AMP — IC821 LM3875-2 — AEP, UK MODEL — LL

IC851 POWER AMP — IC851 LM3875-2 — AEP, UK MODEL — HL

IC871 POWER AMP — IC871 LM3875-2 — AEP, UK MODEL — LR

Q801,821 OVER LOAD DET

Q851,871 OVER LOAD DET

IC703 THERMAL DETECT — IC703 LM35

THERMAL DETECT

IC702 COMPARATOR — IC702 (1/2) LM393 — IC702 (2/2) LM393

D802,822,852,872 IN4148

Q701 PROTECT SWITCH

IC701 PROTECTOR — IC701 μPC1237HA

CN802

+B	113
+B	112
-B	111
-B	110
GND	19
GND	18
HR	17
HL	16
FAN	15
RY	14
AC	13
LL	12
LR	11

(See page 27.)

TO PANEL BOARD CNP503 ⑩

【VOL BOARD】

IC601 VOL MOTOR DRIVE — IC601 LB1639

VOL MOTOR — Q601 VOL MOTOR CONTROL — Q602 VOL LED

(See page 26.)

TO PANEL BOARD CN501 ⑧

*1 (C651, C661) : 100p (AEP, UK MODEL) 220p (G, IT MODEL)
*2 (C652, C662) : 47p (AEP, UK MODEL) 22p (G, IT MODEL)
*3 (C654, C664) : 0.001 (AEP UK MODEL) 0.01 (G, IT MODEL)

CNP908

DG	
AC SENCE	
HPSW	
+5.6V ON	
SP	
POWER	

Q652 MUTE — Q1601, 1602 SWITCH — Q651, 661 MUTE

J651 HEADPHONES

IC651 HEADPHONE AMP — IC651 (1/2) — IC651 (2/2)

CNP909

12	-12V
11	+12V
10	AG
9	5.6 OFF
8	θ GNθ
7	ST-VF
6	AC16
5	HPGNθ
4	FLθ-G
3	HP-MUTE
2	HPR
1	HPL

【POWER BOARD (1/2)】

Q901 REG — Q902 REG — Q1002 REG

CNJ604

11	-12V
12	+12V
13	AG
14	5.6OFF
15	θ GNθ
16	ST-VF
17	AC16
18	HP GNθ
19	FLθ-G
110	HP MUTE
111	HP R
112	HP L

CNP606

FG	
FG	

【FLD BOARD】

CNP602

【JACK BOARD】

CNJ1 SYSTEM CONTROL 1

15	13	11	9	7	5	3	1								
14	12	10	8	6	4	2									
AG	AG	VG	VF	VF	AUB	P OFF	+5.6V	+12V	DG	+30V	ST L	AG	AG	ST R	

CNP8 — DBFB-FB, AGND, VF, 5.6V

CNP7 — +12V, VF, -30VG, DG, +30V

ACG, AG, RG, AC, DG, AC

J2 SUPER WOOFER OUT — C8 1000p

C7 0.01 — C3 0.01 — C5 0.01

IC1 GP1F32R/TORX-178A — IC2 GP1F321/TOTX-178 — IC3 GP1F32R/TORX-178A

DIGITAL OPTICAL — IC1 CD IN — IC3 OUT — DAT — IC2 IN

C2 0.01μF — C1 10 50V

CNJ3

NC	
DBFB-FB	
NC	
F RES	
SW OUT	
AGND3	
L RET	
R RET	
R SEND	
L SEND	
A GND2	
CD OFF	
AU BUS	
A GND1	
R IN	
L IN	

R5 220

CNP5

1	2	3	4	5	6
OPT 5V	OPT GND	OPT OUT	OPT DAT	OPT GND	OPT CD

⑤ ④

TO DSP BOARD CNP105

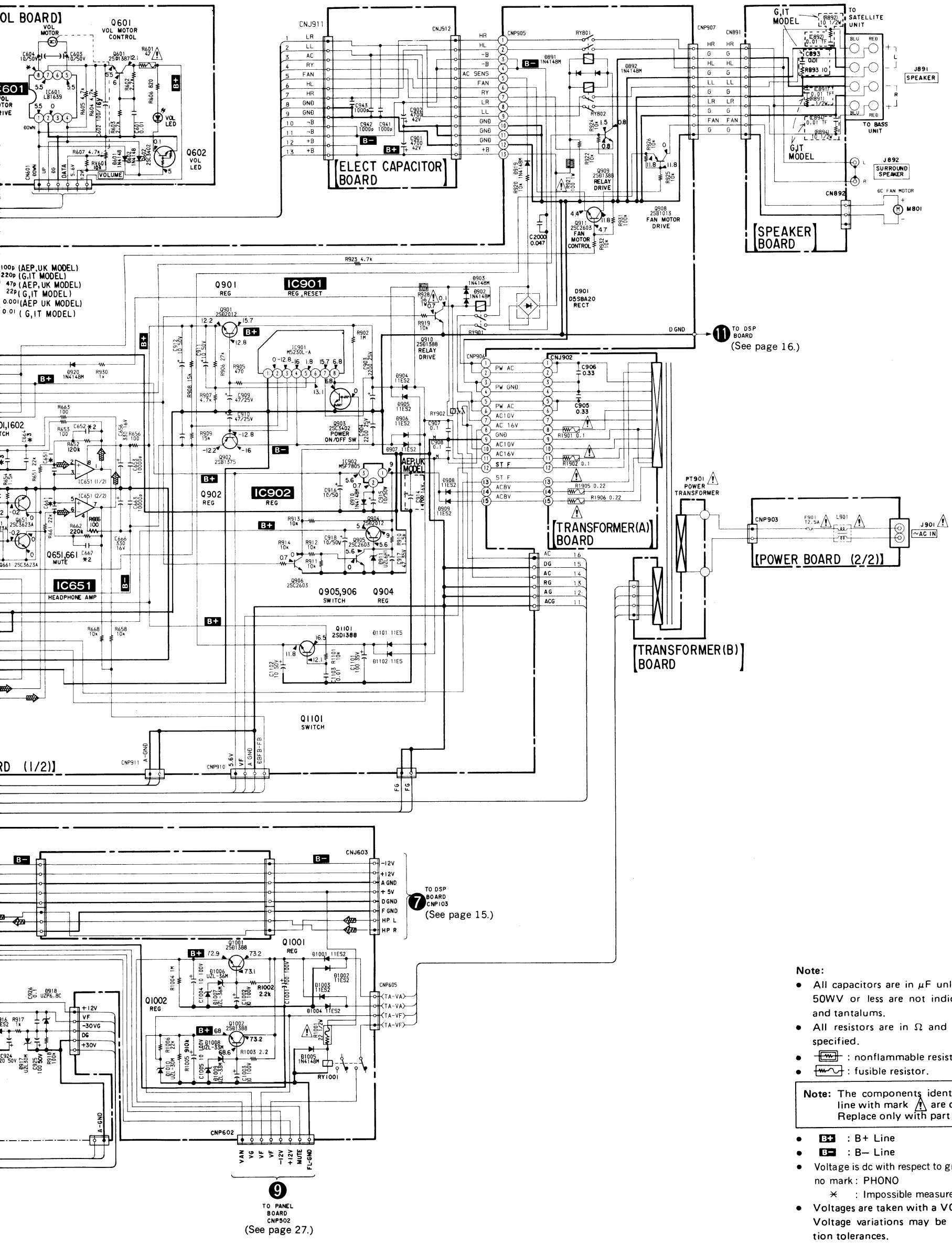
(See page 15.)

CNJ2 SYSTEM CONTROL 2

1	3	5	7	9	11	13	15	17								
2	4	6	8	10	12	14	16									
DG	AC	ACG	AC	AUB	FRQ	POWER OFF	L CD	R CD	R REC	L REC	L IN	AG	R IN	RG	ST R	ST L

(See page 15.)

TO DSP BOARD CNP101 ③



Note:

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4 W or less unless otherwise specified.
- : nonflammable resistor.
- : fusible resistor.

Note: The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

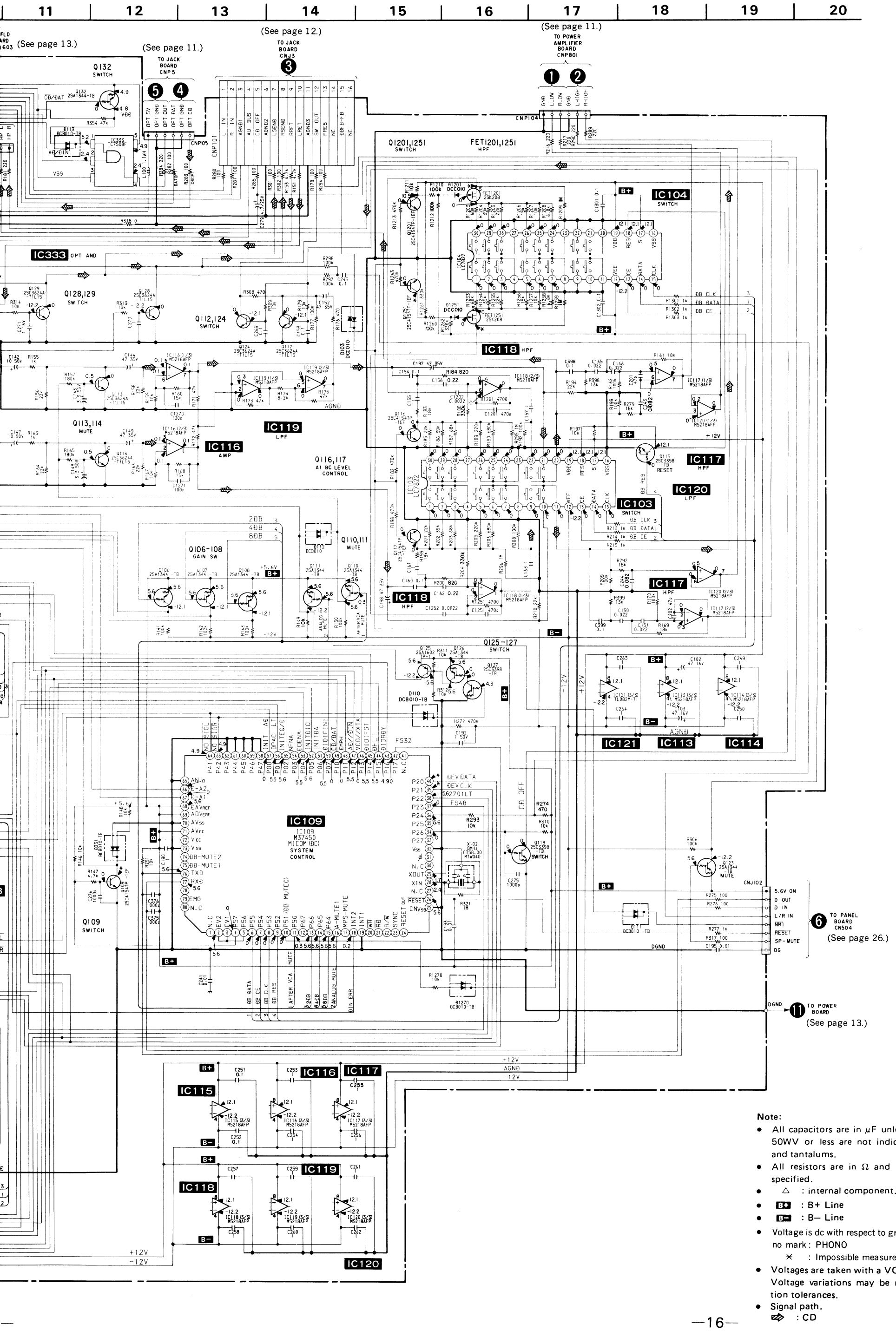
- B+ : B+ Line
- B− : B− Line
- Voltage is dc with respect to ground under no-signal conditions.
  no mark : PHONO
  ✳ : Impossible measurement point
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
- Signal path.
  : CD
- G : Germany model
  IT : Italian model

3-5. SCHEMATIC DIAGRAM — DSP SECTION —

【DSP BOARD】

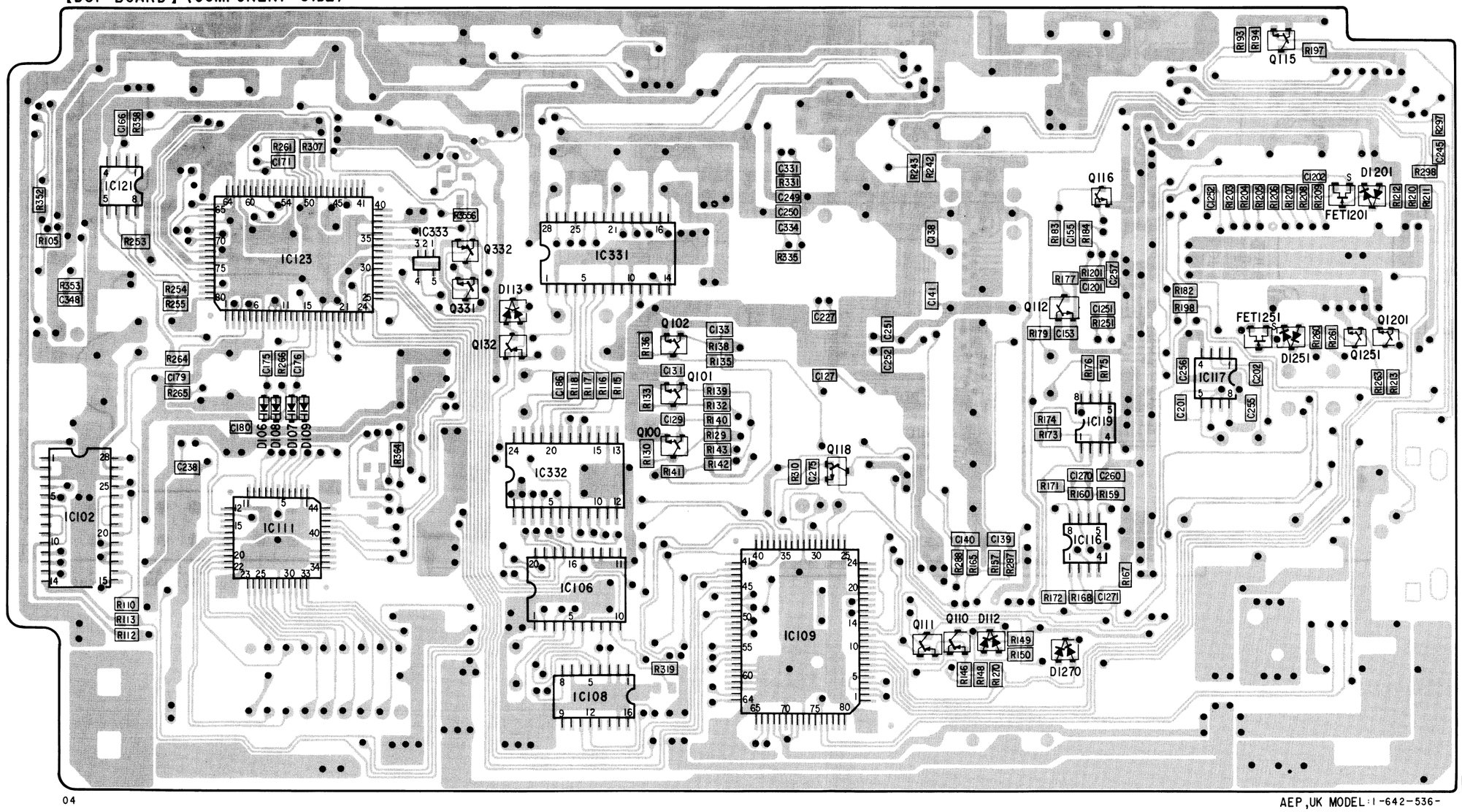
IC331 A/D CONVERTER
IC114 I/V AMP
IC115 BUFFER
Q100-105 GAIN CONTROL
IC113 LINE AMP
IC102 A/D CONVERTER
IC124 OSC
IC101 LPF
IC333
IC125 REG
IC122 REG
Q130 MUTE
IC123 CXD2905Q (ĐIO) DIGITAL IN/OUT
IC106 CXĐ8245M DIGITAL EFFECT PROCESSOR
IC332 D/A CONVERTER
IC108 CXĐ2557M DIGITAL EFFECT PROCESSOR
Q331,332 SWITCH
IC121 BUFFER
IC112 CXĐ1160AQ (ĐPAC)
IC111 CXĐ2701Q (ĐPS+EQ) DIGITAL SIGNAL PROCESSOR, EQUALIZER
IC110 DRAM

7 TO FLD BOARD CNJ603 (See page 13

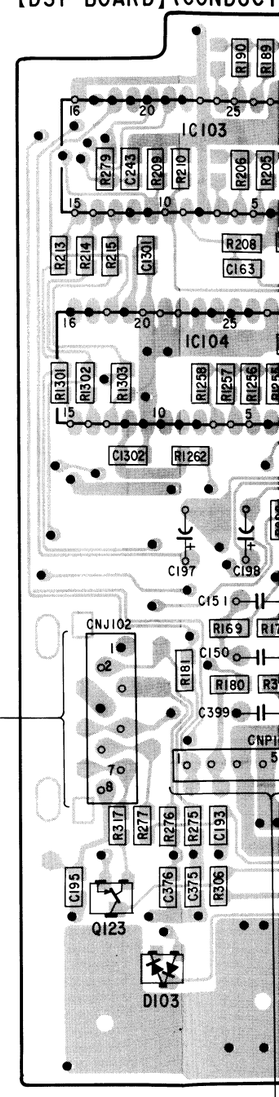

11
12
13
14
15
16
17
18
19
20
(See page 13.)
(See page 11.)
TO JACK BOARD CNP5
(See page 12.)
TO JACK BOARD CNJ3
(See page 11.)
TO POWER AMPLIFIER BOARD CNP801
Q132 SWITCH
CNP101
CNP104
Q1201,1251 SWITCH
FET1201,1251 HPF
IC104 SWITCH
IC333 OPT AND
Q128,129 SWITCH
Q112,124 SWITCH
IC119 LPF
IC116 AMP
Q113,114 MUTE
Q116,117 A1 BC LEVEL CONTROL
IC118 HPF
IC117 HPF
IC120 LPF
IC103 SWITCH
Q115 2SC3598 -TB RESET
Q106-108 GAIN SW
Q110,111 MUTE
Q125-127 SWITCH
IC121
IC113
IC114
IC109 M37450 MICOM (80) SYSTEM CONTROL
Q109 SWITCH
Q118 SWITCH
Q123 MUTE
IC115
IC116
IC117
IC118
IC119
IC120
B+
B-
AGND
+12V
-12V
DGND
CNJ102
5.6V ON
D OUT
D IN
L/R IN
NMI
RESET
SP-MUTE
DG
6 TO PANEL BOARD CN504
(See page 26.)
11 TO POWER BOARD
(See page 13.)
Note:
All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
All resistors are in Ω and 1/4W or less unless otherwise specified.
△ : internal component.
B+ : B+ Line
B- : B- Line
Voltage is dc with respect to ground under no-signal conditions.
no mark : PHONO
✳ : Impossible measurement point
Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.
Signal path.
: CD

3-6. PRINTED WIRING BOARD — DSP SECTION — • Refer to page 6 for Semiconductor Lead Layouts.

【DSP BOARD】(COMPONENT SIDE)



【DSP BOARD】(CONDUCT

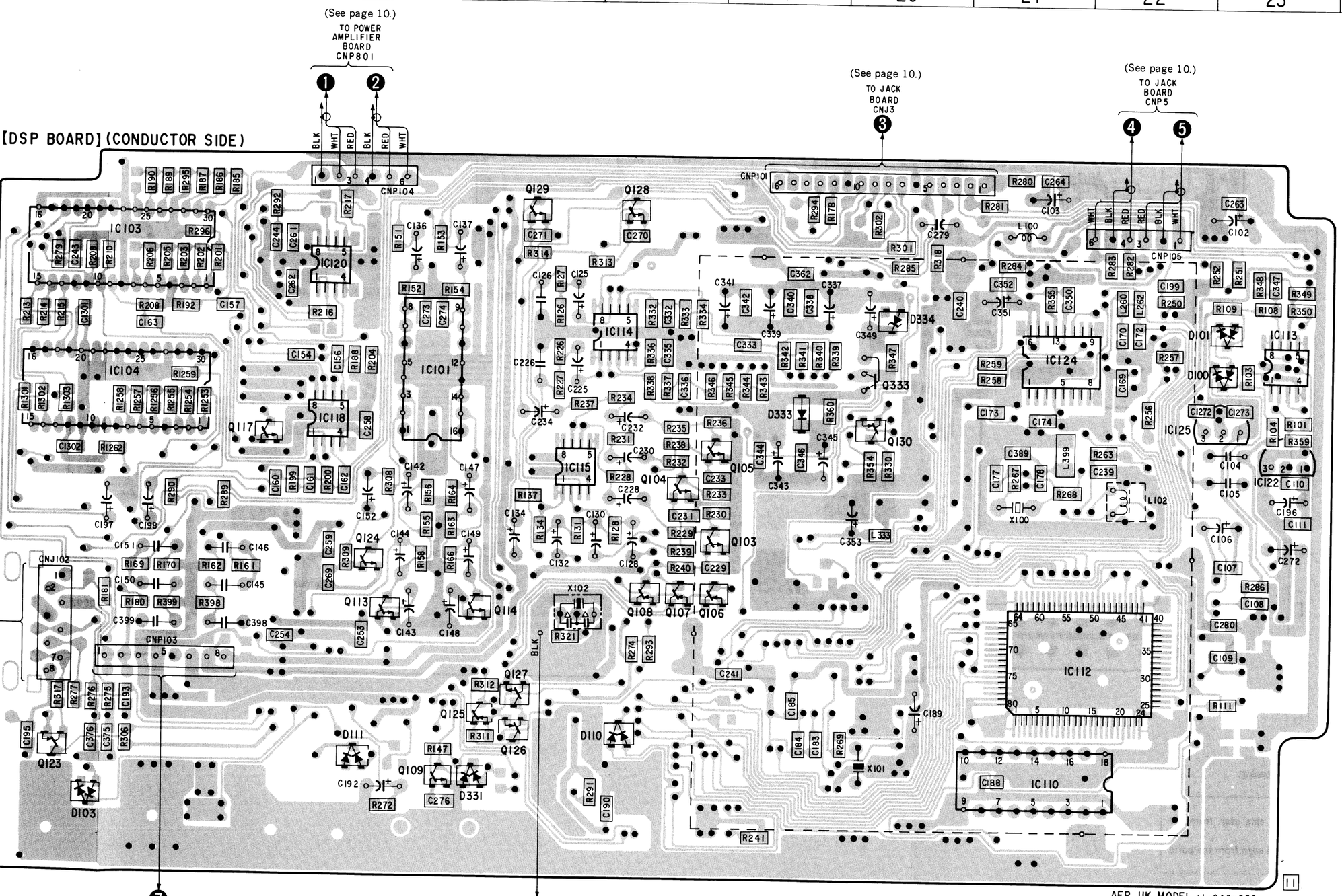


04

AEP, UK MODEL : I-642-536-
G, IT MODEL : I-644-695-

13 14 15 16 17 18 19 20 21 22 23

[DSP BOARD] (CONDUCTOR SIDE)



AEP, UK MODEL : I-642-536-
G, IT MODEL : I-644-695-

• Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D100	C-23	IC123	D-3
D101	C-23	IC124	C-21
D103	G-13	IC125	D-23
D106	E-3	IC331	D-5
D107	E-3	IC332	E-5
D108	E-3	IC333	D-4
D109	E-3		
D110	F-18	Q100	E-6
D111	G-16	Q101	E-6
D112	G-8	Q102	D-6
D113	D-4	Q103	E-18
D331	G-16	Q104	D-18
D333	D-19	Q105	D-18
D334	C-20	Q106	E-18
D1201	C-11	Q107	E-18
D1251	D-10	Q108	E-18
D1270	G-9	Q109	G-16
		Q110	G-8
FET1201	C-11	Q111	G-8
FET1251	D-10	Q112	D-9
		Q113	E-16
IC101	D-16	Q114	E-16
IC102	F-1	Q115	B-10
IC103	C-14	Q116	C-9
IC104	D-14	Q117	D-15
IC106	F-5	Q118	E-7
IC108	G-5	Q123	G-13
IC109	F-7	Q124	E-16
IC110	G-21	Q125	F-17
IC111	F-3	Q126	F-17
IC112	F-21	Q127	F-17
IC113	C-23	Q128	B-18
IC114	C-18	Q129	B-17
IC115	D-17	Q130	D-20
IC116	F-9	Q132	D-4
IC117	E-10	Q331	D-4
IC118	D-15	Q332	D-4
IC119	E-9	Q333	C-20
IC120	C-15	Q1201	D-11
IC121	C-2	Q1251	D-11
IC122	D-23		

Note:

- ○—— : parts extracted from the component side.
- ● : Through hole.
- ▒▒ : Pattern from the side which enables seeing.

(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor side)	Parts on the pattern face side seen from the pattern face are indecated.
Parts face side: (Component side)	Parts on the parts face side seen from the parts face are indecated.

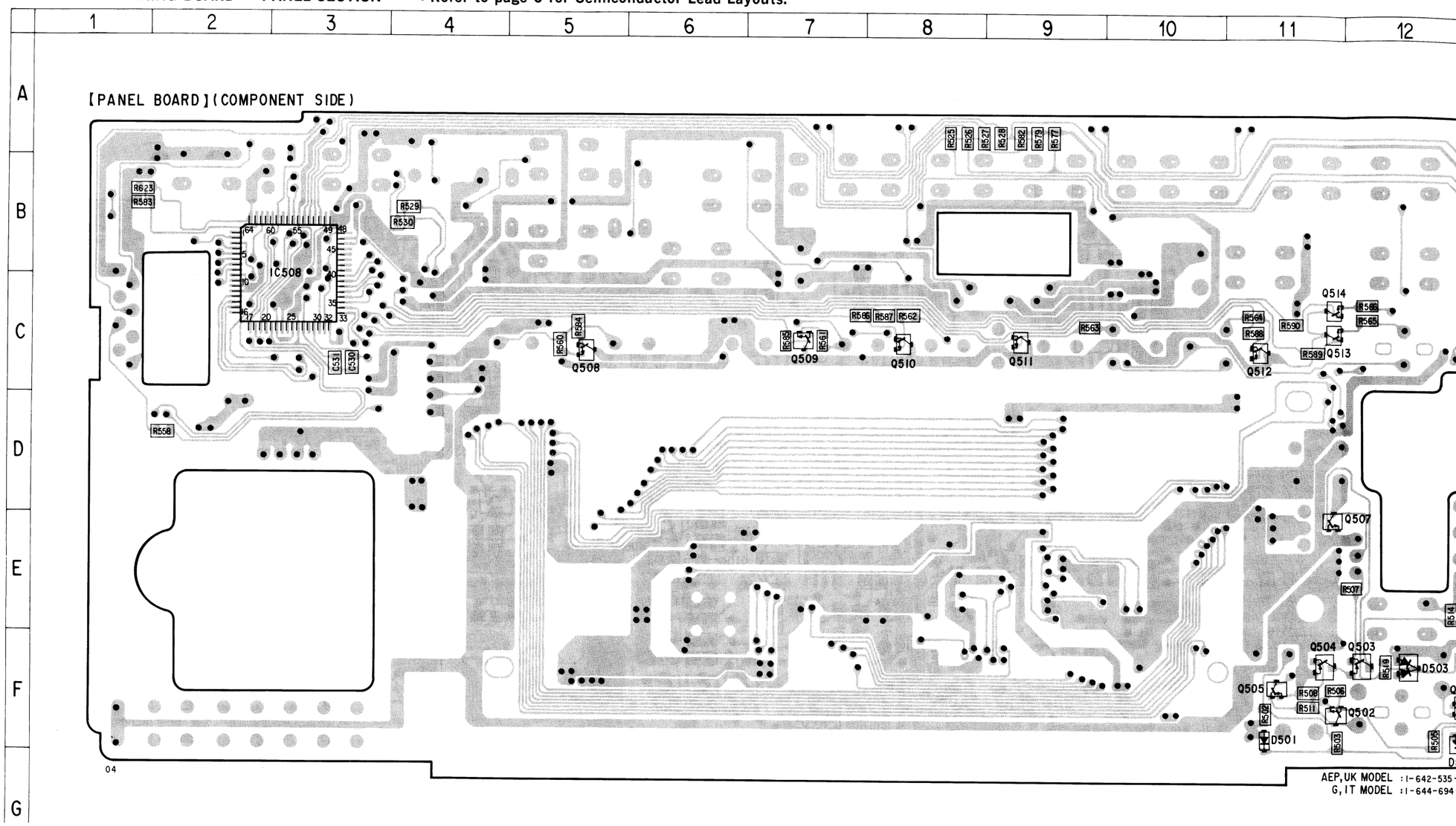
- G : Germany model
  IT : Italian model

● Semiconductor Location

Ref. No.	Location
D501	F-11
D502	F-13
D503	F-12
D504	C-22
D505	C-20
D506	C-19
D507	C-18
D508	C-17
D509	C-15
D510	F-15
D511	C-21
D512	C-19
D514	C-17
D515	C-16
D521	C-20
D522	B-17
D523	B-25
IC501	D-20
IC502	E-21
IC503	F-20
IC504	D-18
IC505	F-18
IC506	E-17
IC507	E-15
IC508	C-3
IC509	D-24
Q501	F-13
Q502	F-11
Q503	F-12
Q504	F-11
Q505	F-11
Q506	F-15
Q507	E-11
Q508	C-5
Q509	C-7
Q510	C-8
Q511	C-9
Q512	C-11
Q513	C-11
Q514	C-11
Q515	C-19
Q516	C-19
Q517	C-19

3-7. PRINTED WIRING BOARD — PANEL SECTION —

● Refer to page 6 for Semiconductor Lead Layouts.



Note:

- ● ● : Through hole.
- ▒ : Pattern from the side which enables seeing.

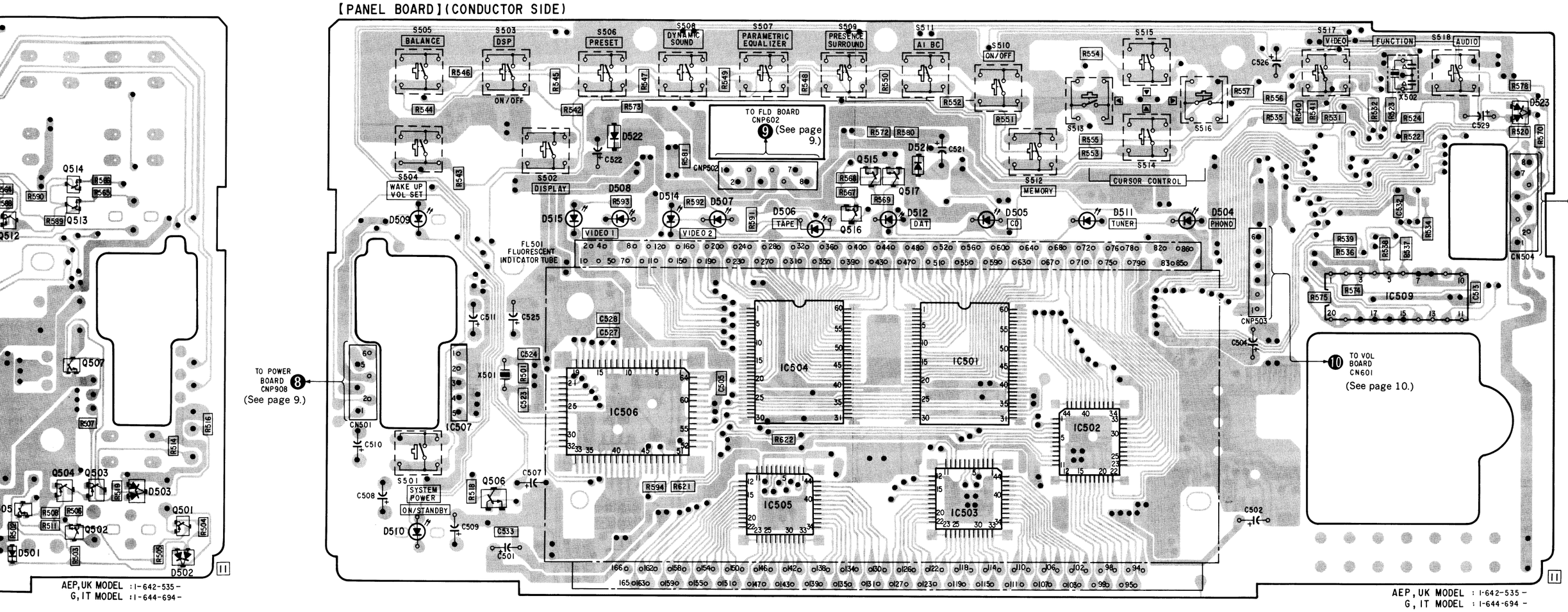
(The other layers' patterns are not indicated.)

Caution:	
Pattern face side: (Conductor side)	Parts on the pattern face side seen from the pattern face are indecated.
Parts face side: (Component side)	Parts on the parts face side seen from the parts face are indecated.

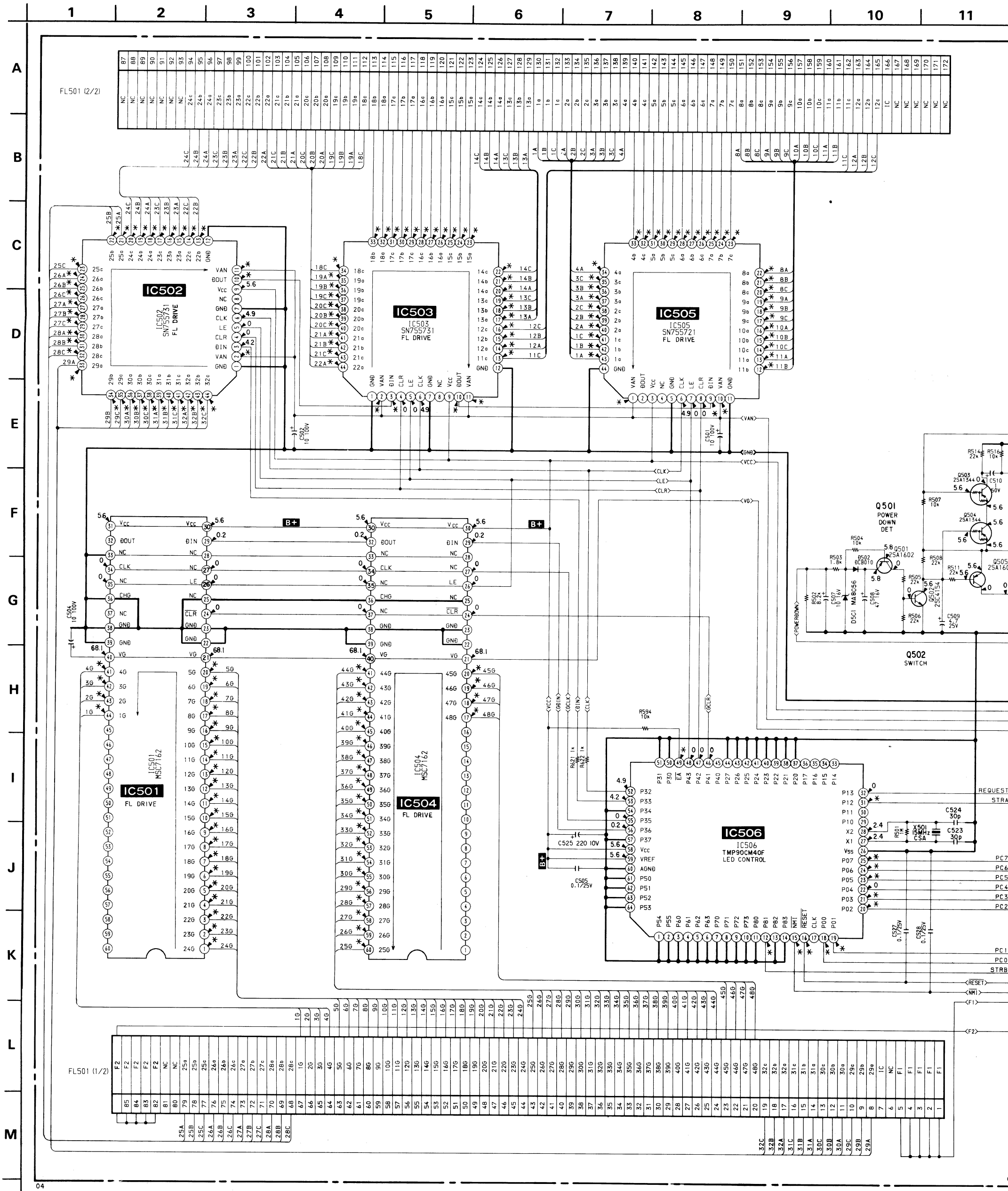
- G : Germany model
  IT : Italian model

11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

【PANEL BOARD】(CONDUCTOR SIDE)



3-8. SCHEMATIC DIAGRAM — PANEL SECTION —



【PANEL BOARD】

CURSOR CONTROL								
S501	S503	S505	S507	S509	S511	S513	S515	S517
SYSTEM POWER	DSP	BALANCE	PARAMETRIC EQUALIZER	PRESENCE SURROUND	AI BC	◀	▼	VIDEO
S502	S504	S506	S508	S510	S512	S514	S516	S518
DISPLAY	WAKE UP VOL SET	PRESET	DYNAMIC SOUND	ON/OFF	MEMORY	▲	▶	AUDIO

IC507 RESET

IC508 MC68HC11L6-FU LED CONTROL

IC509 XR-1092

IC507 MS1953

Q503-507 SWITCH

IC509 SWITCH

Q508-514 LED SWITCH

Q502 SWITCH

Q515 CONTROL

Q516,517 SWITCH

D504	PHONO
D505	CD
D506	TAPE
D507	VIDEO2-RED
D508	VIDEO1-RED
D509	WAKE UP VOL SET
D510	ON/STANDBY
D511	TUNER
D512	DAT
D513	-
D514	VIDEO2-GREEN
D515	VIDEO1-GREEN

10 TO VOL BOARD CN601 (See page 12.)

6 TO DSP BOARD CNJ102 (See page 16.)

8 TO POWER BOARD CNP908 (See page 12.)

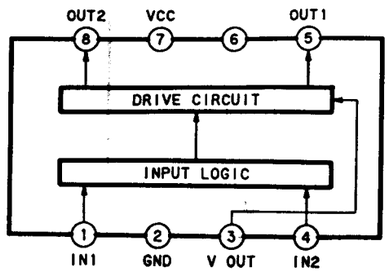
9 TO FLD BOARD CNP602 (See page 12.)

Note:

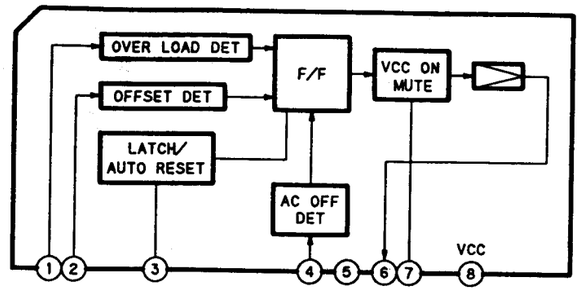
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- △ : internal component.
- B+ : B+ Line
- B− : B− Line
- Voltage is dc with respect to ground under no-signal conditions. no mark : PHONO
  ✳ : Impossible measurement point
- Voltages are taken with a VOM (Input Impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.

• IC Block Diagrams

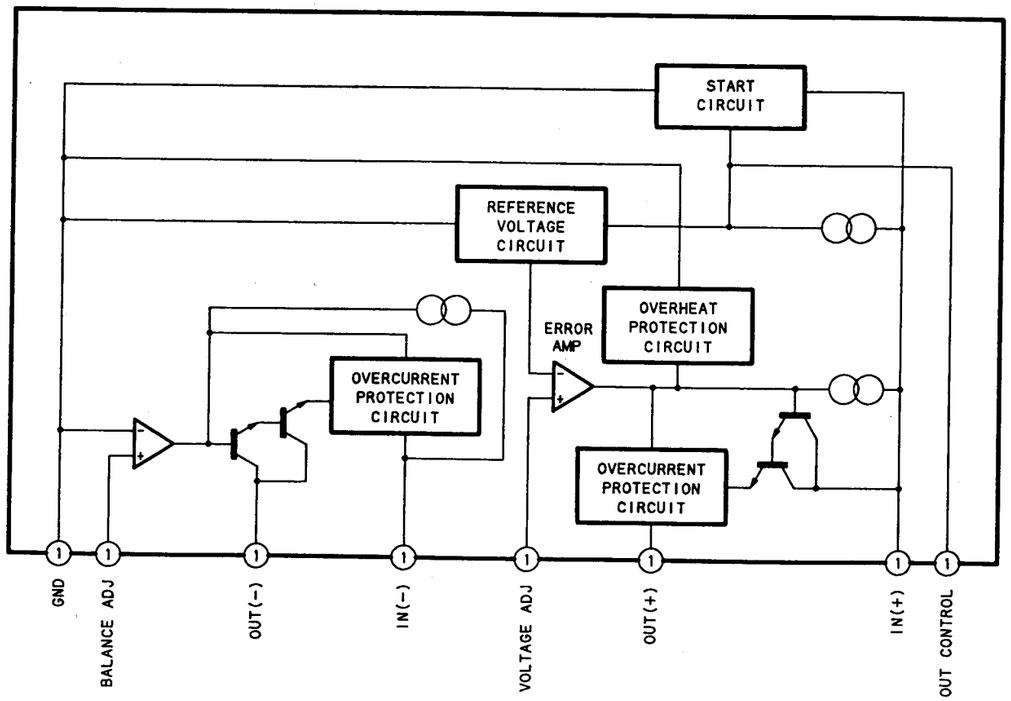
IC601 LB1639



IC701 μPC1237HA



IC901 M5230L-A



SECTION 4
EXPLODED VIEWS

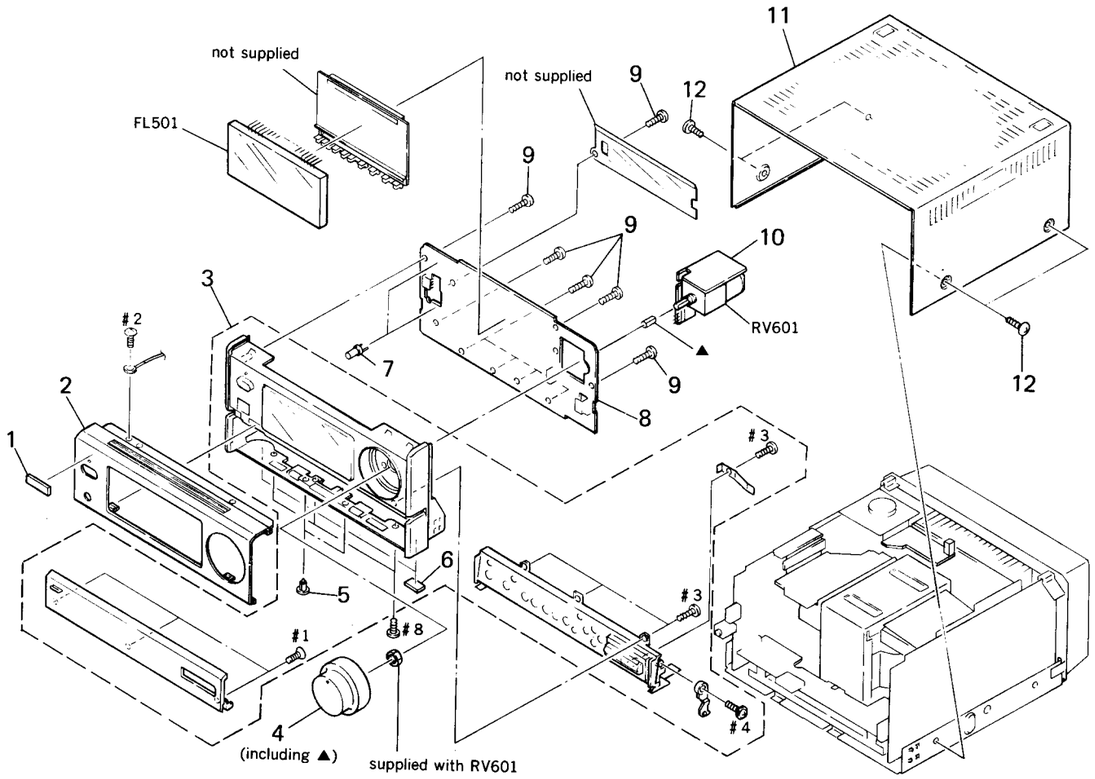
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

- G : Germany model
- IT : Italian model

4-1. FRONT PANEL ASSY



Ref. No.	Part No.	Description	Remark
1	4-942-636-01	EMBLEM (NO. 3.5), SONY	
2	X-4942-475-1	PANEL ASSY, FRONT	
3	X-4942-467-1	PANEL (BASE) ASSY	
4	X-4942-472-2	KNOB (VOLUME) ASSY	
5	4-812-134-00	RIVET NYLON, 3.5	
6	4-930-336-21	FOOT (FELT)	
* 7	3-362-478-21	HOLDER (T), LED	
* 8	A-4347-005-A	PANEL BOARD, COMPLETE (AEP, UK)	
* 8	A-4356-121-A	PANEL BOARD, COMPLETE (G, IT)	
9	4-951-620-01	SCREW (2.6X8), +BVTP	
* 10	1-642-415-11	VOL BOARD	
* 11	4-932-841-41	CASE	
12	3*363-099-01	SCREW (CASE +3X8 TP2)	
FL501	1-519-654-11	INDICATOR TUBE, FLUORESCENT	
RV601	1-241-803-11	RES, VAR, CARBON (WITH MOTOR) 10K (VOLUME)	

SECTION 4
EXPLODED VIEWS

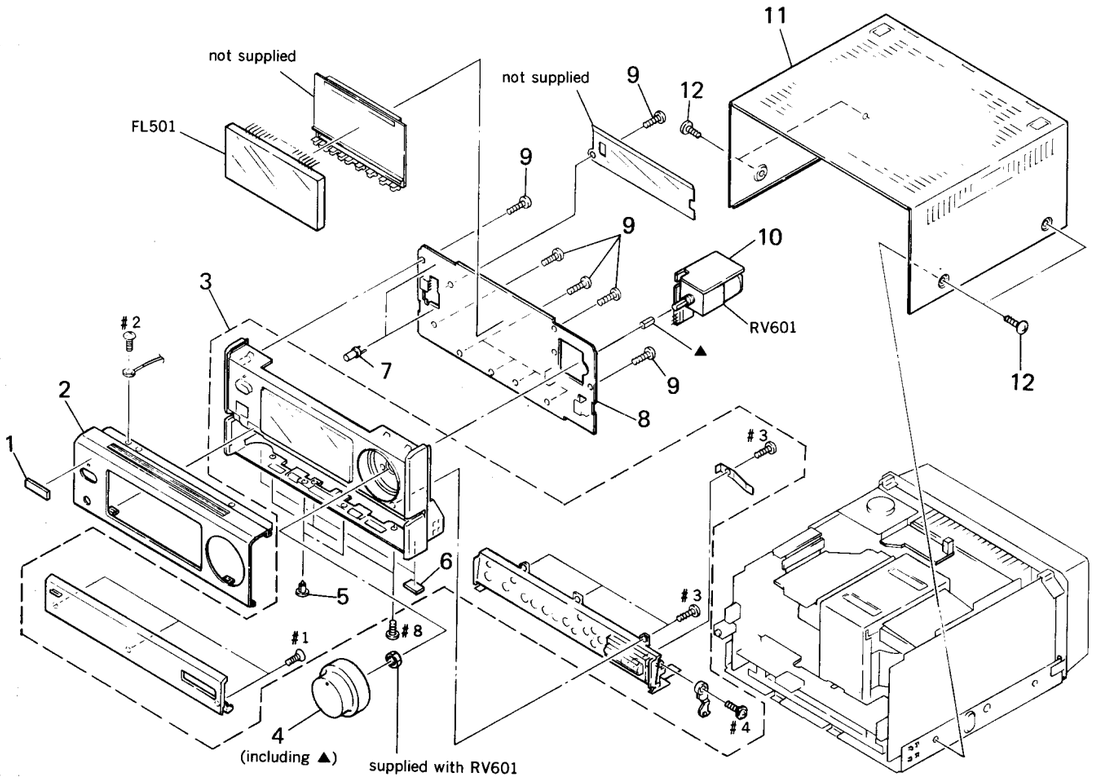
NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Color Indication of Appearance Parts
  Example :
  KNOB, BALANCE (WHITE)... (RED)
  ↑ ↑
  Parts Color Cabinet's Color
- Hardware (# mark) list is given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

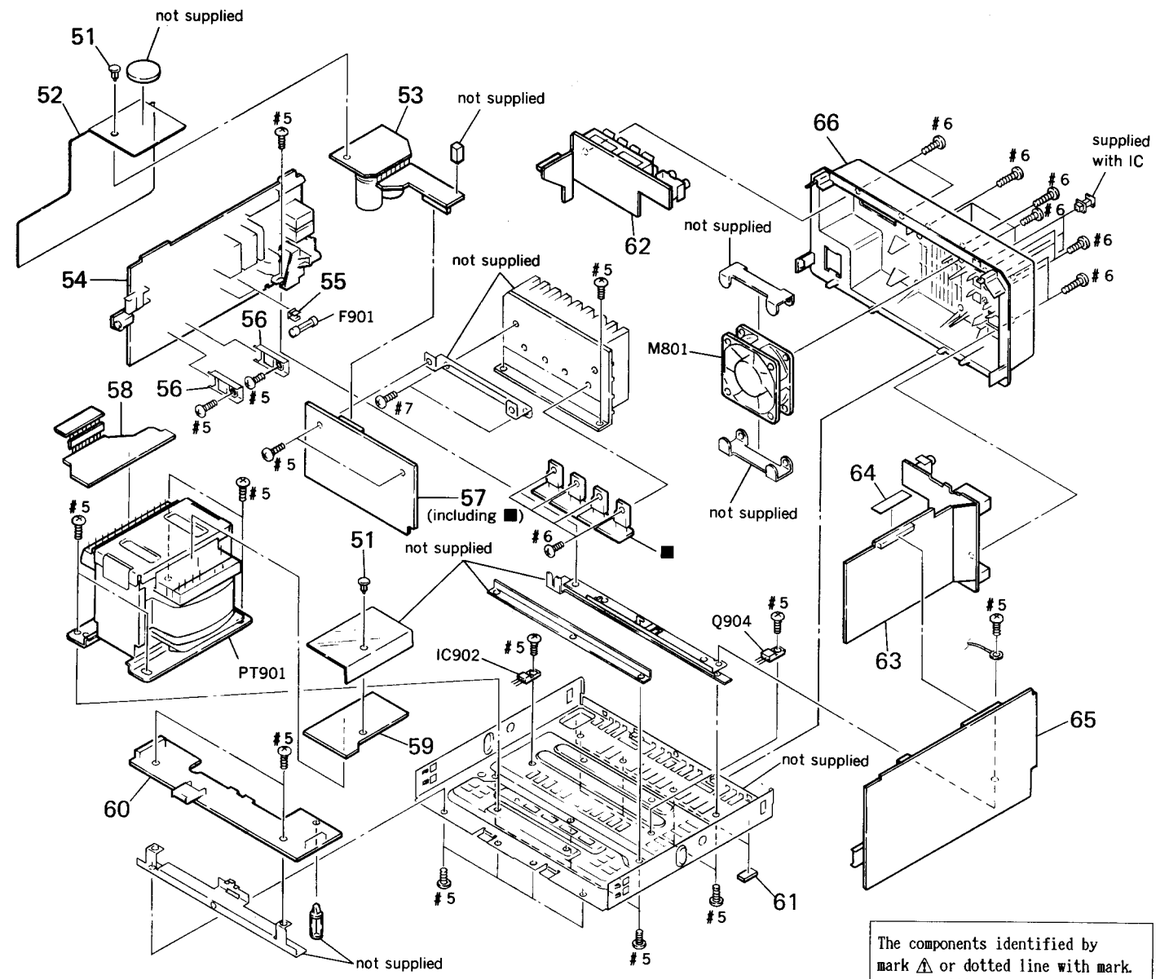
- G : Germany model
- IT : Italian model

4-1. FRONT PANEL ASSY



Ref. No.	Part No.	Description	Remark
1	4-942-636-01	EMBLEM (NO. 3.5), SONY	
2	X-4942-475-1	PANEL ASSY, FRONT	
3	X-4942-467-1	PANEL (BASE) ASSY	
4	X-4942-472-2	KNOB (VOLUME) ASSY	
5	4-812-134-00	RIVET NYLON, 3.5	
6	4-930-336-21	FOOT (FELT)	
* 7	3-362-478-21	HOLDER (T), LED	
* 8	A-4347-005-A	PANEL BOARD, COMPLETE (AEP, UK)	
* 8	A-4356-121-A	PANEL BOARD, COMPLETE (G, IT)	
9	4-951-620-01	SCREW (2.6X8), +BVTP	
* 10	1-642-415-11	VOL BOARD	
* 11	4-932-841-41	CASE	
12	3-363-099-01	SCREW (CASE +3X8 TP2)	
FL501	1-519-654-11	INDICATOR TUBE, FLUORESCENT	
RV601	1-241-803-11	RES, VAR, CARBON (WITH MOTOR) 10K (VOLUME)	

4-2. CHASSIS SECTION



The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description	Remark
51	4-812-134-11	RIVET NYLON, 3.5	
* 52	4-945-055-11	SHEET (INSULATING A)	
* 53	1-642-420-11	ELECT CAPACITOR BOARD	
* 54	A-4347-007-A	POWER BOARD, COMPLETE (AEP, UK)	
* 54	A-4347-012-A	POWER BOARD, COMPLETE (G, IT)	
* 55	1-533-213-31	HOLDER, FUSE	
* 56	3-309-144-21	HEAT SINK	
* 57	A-4347-010-A	POWER AMPLIFIER BOARD, COMPLETE (AEP, UK)	
* 57	A-4347-013-A	POWER AMPLIFIER BOARD, COMPLETE (G, IT)	
* 58	1-642-418-11	TRANSFORMER (A) BOARD	
* 59	1-642-419-11	TRANSFORMER (B) BOARD	
* 60	A-4345-999-A	FLD BOARD, COMPLETE	
61	4-930-336-21	FOOT (FELT)	
* 62	1-642-416-11	SPEAKER BOARD	
* 63	1-642-413-11	JACK BOARD	
64	4-860-518-00	CUSHION	
* 65	A-4347-003-A	DSP BOARD, COMPLETE (AEP, UK)	
* 65	A-4356-123-A	DSP BOARD, COMPLETE (G, IT)	
* 66	4-948-766-11	PANEL, BACK	
⚠F901	1-532-286-00	FUSE, TIME-LAG (T2.5A)	
IC902	8-759-231-53	IC M5F7805L	
M801	1-541-860-11	MOTOR, DC FAN	
⚠PT901	1-450-881-11	TRANSFORMER, POWER (UK)	
⚠PT901	1-450-883-11	TRANSFORMER, POWER (AEP, G, IT)	
Q904	8-729-209-15	TRANSISTOR 2SD2012	

SECTION 5
ELECTRICAL PARTS LIST

DSP PANEL

NOTE:
- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms.
  METAL:Metal-film resistor.
  METAL OXIDE: Metal oxide-film resistor.
  F:nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u:μ, for example:
  uA..: μA.. uPA..: μPA..
  uPB..: μPB.. uPC..: μPC.. uPD..: μPD..
- CAPACITORS
  uF: μF
- COILS
  uH: μH

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board.

- G : Germany model
- IT : Italian model

Ref. No.	Part No.	Description			Remark
*	A-4347-003-A	DSP BOARD, COMPLETE (AEP, UK)			
*	A-4356-123-A	DSP BOARD, COMPLETE (G, IT)			
		**********			
*	A-4347-005-A	PANEL BOARD, COMPLETE (AEP, UK)			
*	A-4356-121-A	PANEL BOARD, COMPLETE (G, IT)			
		**********			
*	3-362-478-21	HOLDER (T), LED			
		< CAPACITOR >			
C102	1-124-589-11	ELECT	47uF	20%	16V
C103	1-124-589-11	ELECT	47uF	20%	16V
C104	1-136-153-00	FILM	0.01uF	5%	50V
C105	1-136-153-00	FILM	0.01uF	5%	50V
C106	1-124-589-11	ELECT	47uF	20%	16V
C107	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C108	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C109	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C110	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C111	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C125	1-124-915-11	ELECT	10uF	20%	63V
C126	1-130-475-00	MYLAR	0.0022uF	5%	50V
C127	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C128	1-124-915-11	ELECT	10uF	20%	63V
C129	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C130	1-124-915-11	ELECT	10uF	20%	63V
C131	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C132	1-124-915-11	ELECT	10uF	20%	63V
C133	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C134	1-126-947-11	ELECT	47uF	20%	35V
C136	1-126-947-11	ELECT	47uF	20%	35V
C137	1-126-947-11	ELECT	47uF	20%	35V
C138	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C139	1-164-346-11	CERAMIC CHIP	1uF		16V
C140	1-164-346-11	CERAMIC CHIP	1uF		16V
C141	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C142	1-124-915-11	ELECT	10uF	20%	63V
C143	1-126-162-11	ELECT	3.3uF	20%	50V
C144	1-126-947-11	ELECT	47uF	20%	35V
C145	1-136-157-00	FILM	0.022uF	5%	50V
C146	1-136-157-00	FILM	0.022uF	5%	50V
C147	1-124-915-11	ELECT	10uF	20%	63V
C148	1-126-162-11	ELECT	3.3uF	20%	50V
C149	1-126-947-11	ELECT	47uF	20%	35V
C150	1-136-157-00	FILM	0.022uF	5%	50V
C151	1-136-157-00	FILM	0.022uF	5%	50V
C152	1-126-947-11	ELECT	47uF	20%	35V
C153	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C154	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C155	1-164-346-11	CERAMIC CHIP	1uF		16V
C156	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C157	1-164-346-11	CERAMIC CHIP	1uF		16V
C160	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C161	1-164-346-11	CERAMIC CHIP	1uF		16V
C162	1-164-489-11	CERAMIC CHIP	0.22uF	10%	16V
C163	1-164-346-11	CERAMIC CHIP	1uF		16V
C166	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C169	1-164-346-11	CERAMIC CHIP	1uF		16V
C170	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C171	1-163-227-11	CERAMIC CHIP	10PF	5%	50V
C172	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C173	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C174	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C175	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C176	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C178	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C179	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C180	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C183	1-163-227-11	CERAMIC CHIP	10PF	5%	50V
C184	1-163-227-11	CERAMIC CHIP	10PF	5%	50V
C185	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C186	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C188	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C189	1-124-589-11	ELECT	47uF	20%	16V
C190	1-164-346-11	CERAMIC CHIP	1uF		16V
C192	1-124-902-00	ELECT	0.47uF	20%	50V
C193	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C195	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C196	1-124-589-11	ELECT	47uF	20%	16V
C197	1-126-947-11	ELECT	47uF	20%	35V

TA-H6700

DSP PANEL

Ref. No.	Part No.	Description			Remark
C198	1-126-947-11	ELECT	47uF	20%	35V
C199	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C201	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C202	1-163-109-00	CERAMIC CHIP	47PF	5%	50V
C225	1-124-915-11	ELECT	10uF	20%	63V
C226	1-130-475-00	MYLAR	0.0022uF	5%	50V
C227	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C228	1-124-915-11	ELECT	10uF	20%	63V
C229	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C230	1-124-915-11	ELECT	10uF	20%	63V
C231	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C232	1-124-915-11	ELECT	10uF	20%	63V
C233	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C234	1-126-947-11	ELECT	47uF	20%	35V
C238	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C239	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C240	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C241	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C243	1-164-345-11	CERAMIC CHIP	0.082uF	10%	25V
C244	1-164-345-11	CERAMIC CHIP	0.082uF	10%	25V
C245	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C249	1-164-346-11	CERAMIC CHIP	1uF		16V
C250	1-164-346-11	CERAMIC CHIP	1uF		16V
C251	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C252	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C253	1-164-346-11	CERAMIC CHIP	1uF		16V
C254	1-164-346-11	CERAMIC CHIP	1uF		16V
C255	1-164-346-11	CERAMIC CHIP	1uF		16V
C256	1-164-346-11	CERAMIC CHIP	1uF		16V
C257	1-164-346-11	CERAMIC CHIP	1uF		16V
C258	1-164-346-11	CERAMIC CHIP	1uF		16V
C259	1-164-346-11	CERAMIC CHIP	1uF		16V
C260	1-164-346-11	CERAMIC CHIP	1uF		16V
C261	1-164-346-11	CERAMIC CHIP	1uF		16V
C262	1-164-346-11	CERAMIC CHIP	1uF		16V
C263	1-164-346-11	CERAMIC CHIP	1uF		16V
C264	1-164-346-11	CERAMIC CHIP	1uF		16V
C269	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C270	1-164-346-11	CERAMIC CHIP	1uF		16V
C271	1-164-346-11	CERAMIC CHIP	1uF		16V
C272	1-124-589-11	ELECT	47uF	20%	16V
C273	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C274	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C275	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C276	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C279	1-126-163-11	ELECT	4.7uF	20%	50V
C280	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C331	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C332	1-163-123-00	CERAMIC CHIP	180PF	5%	50V

Ref. No.	Part No.	Description			Remark
C333	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C334	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C335	1-163-123-00	CERAMIC CHIP	180PF	5%	50V
C336	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C337	1-124-229-00	ELECT	33uF	20%	10V
C338	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C339	1-124-229-00	ELECT	33uF	20%	10V
C340	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C341	1-124-229-00	ELECT	33uF	20%	10V
C342	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C343	1-124-229-00	ELECT	33uF	20%	10V
C344	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C345	1-124-229-00	ELECT	33uF	20%	10V
C346	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C347	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C348	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C349	1-126-157-11	ELECT	10uF	20%	16V
C350	1-163-222-11	CERAMIC CHIP	5PF	0.25PF	50V
C351	1-124-229-00	ELECT	33uF	20%	10V
C352	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C353	1-124-229-00	ELECT	33uF	20%	10V
C362	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C375	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C376	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C389	1-163-099-00	CERAMIC CHIP	18PF	5%	50V
C398	1-136-165-00	FILM	0.1uF	5%	50V
C399	1-136-165-00	FILM	0.1uF	5%	50V
C501	1-124-667-11	ELECT	10uF	20%	100V
C502	1-124-667-11	ELECT	10uF	20%	100V
C504	1-124-667-11	ELECT	10uF	20%	100V
C505	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C507	1-126-157-11	ELECT	10uF	20%	16V
C508	1-124-589-11	ELECT	47uF	20%	16V
C509	1-126-163-11	ELECT	4.7uF	20%	50V
C510	1-126-301-11	ELECT	1uF	20%	50V
C511	1-126-163-11	ELECT	4.7uF	20%	50V
C513	1-163-124-00	CERAMIC CHIP	200PF	5%	50V
C521	1-124-589-11	ELECT	47uF	20%	16V
C522	1-124-589-11	ELECT	47uF	20%	16V
C523	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C524	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C525	1-126-176-11	ELECT	220uF	20%	10V
C526	1-126-157-11	ELECT	10uF	20%	16V
C527	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C528	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C529	1-124-234-00	ELECT	22uF	20%	16V
C530	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C531	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V
C532	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V

Ref. No.	Part No.	Description			Remark
C1201	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C1202	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C1251	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C1252	1-164-161-11	CERAMIC CHIP	0.0022uF	10%	100V
C1270	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C1271	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C1272	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C1273	1-164-232-11	CERAMIC CHIP	0.01uF		50V
C1301	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
C1302	1-164-004-11	CERAMIC CHIP	0.1uF	10%	25V
		< CONNECTOR >			
* CN501	1-568-318-11	PLUG, CONNECTOR 6P			
* CN504	1-568-320-11	PLUG, CONNECTOR 8P			
CNJ102	1-568-319-11	SOCKET, CONNECTOR 8P			
CNP101	1-566-144-11	CONNECTOR, BOARD TO BOARD 16P			
CNP103	1-573-146-11	PLUG, CONNECTOR 8P			
* CNP104	1-564-509-11	PLUG, CONNECTOR 6P			
* CNP105	1-564-521-11	PLUG, CONNECTOR 6P			
* CNP502	1-568-320-11	PLUG, CONNECTOR 8P			
CNP503	1-561-115-00	SOCKET, CONNECTOR 6P			
		< DIODE >			
D100	8-719-800-76	DIODE	1SS226		
D101	8-719-800-76	DIODE	1SS226		
D103	8-719-800-76	DIODE	1SS226		
D106	8-719-002-81	DIODE	1T363		
D107	8-719-002-81	DIODE	1T363		
D108	8-719-002-81	DIODE	1T363		
D109	8-719-002-81	DIODE	1T363		
D110	8-719-990-39	DIODE	DCB010		
D111	8-719-990-39	DIODE	DCB010		
D112	8-719-990-39	DIODE	DCB010		
D113	8-719-990-39	DIODE	DCB010		
D331	8-719-990-39	DIODE	DCB010		
D333	8-719-210-39	DIODE	EC10QS-04		
D334	8-719-021-49	DIODE	UZM6.2X		
D501	8-719-422-46	DIODE	MA8056		
D502	8-719-990-39	DIODE	DCB010		
D503	8-719-990-39	DIODE	DCB010		
D504	8-719-301-39	LED	SEL2210S (PHONO)		
D505	8-719-301-39	LED	SEL2210S (CD)		
D506	8-719-301-39	LED	SEL2210S (TAPE)		
D507	8-719-301-39	LED	SEL2210S (VIDEO2)		
D508	8-719-301-39	LED	SEL2210S (VIDEO1)		
D509	8-719-301-39	LED	SEL2210S (WAKE UP VOL SET)		
D510	8-719-301-39	LED	SEL2210S (ON/STANDBY)		
D511	8-719-301-39	LED	SEL2210S (TUNER)		
D512	8-719-301-39	LED	SEL2210S (DAT)		
D514	8-719-301-44	LED	SEL2410E-D (VIDEO2)		
D515	8-719-301-44	LED	SEL2410E-D (VIDEO1)		
D521	8-719-422-46	DIODE	MA8056		
D522	8-719-422-46	DIODE	MA8056		
D523	8-719-990-39	DIODE	DCB010		
D1201	8-719-800-76	DIODE	1SS226		
D1251	8-719-800-76	DIODE	1SS226		
D1270	8-719-990-39	DIODE	DCB010		
		< TRANSISTOR >			
FET1201	8-729-232-69	TRANSISTOR	2SK208GR3		
FET1251	8-729-232-69	TRANSISTOR	2SK208GR3		
		< FLUORESCENT INDICATOR >			
FL501	1-519-654-11	INDICATOR TUBE, FLUORESCENT			
		< IC >			
IC101	8-759-635-26	IC	M5283P		
IC102	8-759-045-15	IC	CS5339-KS		
IC103	8-759-805-14	IC	LC7822		
IC104	8-759-805-14	IC	LC7822		
IC106	8-759-511-68	IC	CXD8245M		
IC108	8-752-339-86	IC	CXD2557M		
IC109	8-759-059-84	IC	M37450M8-514FP		
IC110	8-759-973-04	IC	MSM41464-10RS		
IC111	8-752-341-99	IC	CXD2701Q		
IC112	8-752-332-80	IC	CXD1160AQ		
IC113	8-759-636-55	IC	M5218AFP		
IC114	8-759-636-55	IC	M5218AFP		
IC115	8-759-636-55	IC	M5218AFP		
IC116	8-759-636-55	IC	M5218AFP		
IC117	8-759-636-55	IC	M5218AFP		
IC118	8-759-636-55	IC	M5218AFP		
IC119	8-759-636-55	IC	M5218AFP		
IC120	8-759-636-55	IC	M5218AFP		
IC121	8-759-908-17	IC	TL082CPS		
IC122	8-759-982-44	IC	RC79L05A		
IC123	8-759-054-64	IC	CXD2905AQ		
IC124	8-759-517-14	IC	MB625473PF-G		
IC125	8-759-982-21	IC	RC78L05A		
IC331	8-752-349-01	IC	CXD2561AM		
IC332	8-752-342-65	IC	CXD2560M		
IC333	8-759-234-20	IC	TC7S08F		
IC501	8-759-512-46	IC	MSC7162		
IC502	8-759-512-45	IC	SN755731		
IC503	8-759-512-45	IC	SN755731		
IC504	8-759-512-46	IC	MSC7162		
IC505	8-759-512-47	IC	SN755721		

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DSP PANEL

Ref. No.	Part No.	Description	Remark
IC506	8-759-059-82	IC TMP90CM40F-2611	
IC507	8-759-605-16	IC M51953BL	
IC508	8-759-059-83	IC MC68HC11L6SC400618FU	
IC509	8-759-512-48	IC XR-1092	
		< COIL >	
L100	1-410-397-21	FERRITE BEAD INDUCTOR	
L102	1-406-416-11	COIL (OSC)	
L260	1-412-390-21	INDUCTOR CHIP 0uH	
L262	1-412-390-21	INDUCTOR CHIP 0uH	
L333	1-412-390-21	INDUCTOR CHIP 0uH	
L399	1-410-369-11	INDUCTOR CHIP 1uH	
		< TRANSISTOR >	
Q100	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q101	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q102	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q103	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q104	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q105	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q106	8-729-805-65	TRANSISTOR 2SA1344	
Q107	8-729-805-65	TRANSISTOR 2SA1344	
Q108	8-729-805-65	TRANSISTOR 2SA1344	
Q109	8-729-602-21	TRANSISTOR 2SC4154	
Q110	8-729-805-65	TRANSISTOR 2SA1344	
Q111	8-729-805-65	TRANSISTOR 2SA1344	
Q112	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q113	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q114	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q115	8-729-805-41	TRANSISTOR 2SC3398	
Q116	8-729-602-21	TRANSISTOR 2SC4154	
Q117	8-729-602-21	TRANSISTOR 2SC4154	
Q118	8-729-805-41	TRANSISTOR 2SC3398	
Q123	8-729-805-65	TRANSISTOR 2SA1344	
Q124	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q125	8-729-602-36	TRANSISTOR 2SA1602	
Q126	8-729-805-65	TRANSISTOR 2SA1344	
Q127	8-729-805-41	TRANSISTOR 2SC3398	
Q128	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q129	8-729-107-46	TRANSISTOR 2SC3624A-L15	
Q130	8-729-805-65	TRANSISTOR 2SA1344	
Q132	8-729-805-65	TRANSISTOR 2SA1344	
Q331	8-729-805-41	TRANSISTOR 2SC3398	
Q332	8-729-805-65	TRANSISTOR 2SA1344	
Q333	8-729-205-97	TRANSISTOR 2SC3668-Y	
Q501	8-729-602-36	TRANSISTOR 2SA1602	
Q502	8-729-602-21	TRANSISTOR 2SC4154	
Q503	8-729-805-65	TRANSISTOR 2SA1344	
Q504	8-729-805-65	TRANSISTOR 2SA1344	
Q505	8-729-602-36	TRANSISTOR 2SA1602	
Q506	8-729-805-41	TRANSISTOR 2SC3398	
Q507	8-729-602-21	TRANSISTOR 2SC4154	
Q508	8-729-602-21	TRANSISTOR 2SC4154	
Q509	8-729-602-21	TRANSISTOR 2SC4154	
Q510	8-729-602-21	TRANSISTOR 2SC4154	
Q511	8-729-602-21	TRANSISTOR 2SC4154	
Q512	8-729-602-21	TRANSISTOR 2SC4154	
Q513	8-729-602-21	TRANSISTOR 2SC4154	
Q514	8-729-602-21	TRANSISTOR 2SC4154	
Q515	8-729-602-21	TRANSISTOR 2SC4154	
Q516	8-729-602-21	TRANSISTOR 2SC4154	
Q517	8-729-602-21	TRANSISTOR 2SC4154	
Q1201	8-729-602-21	TRANSISTOR 2SC4154	
Q1251	8-729-602-21	TRANSISTOR 2SC4154	
		< RESISTOR >	
R101	1-216-081-00	METAL CHIP 22K 5% 1/10W	
R103	1-216-025-00	METAL CHIP 100 5% 1/10W	
R104	1-216-025-00	METAL CHIP 100 5% 1/10W	
R105	1-216-088-00	METAL CHIP 43K 5% 1/10W	
R108	1-216-025-00	METAL CHIP 100 5% 1/10W	
R109	1-216-025-00	METAL CHIP 100 5% 1/10W	
R110	1-216-041-00	METAL CHIP 470 5% 1/10W	
R111	1-216-041-00	METAL CHIP 470 5% 1/10W	
R112	1-216-041-00	METAL CHIP 470 5% 1/10W	
R113	1-216-041-00	METAL CHIP 470 5% 1/10W	
R115	1-216-041-00	METAL CHIP 470 5% 1/10W	
R116	1-216-041-00	METAL CHIP 470 5% 1/10W	
R117	1-216-041-00	METAL CHIP 470 5% 1/10W	
R118	1-216-041-00	METAL CHIP 470 5% 1/10W	
R126	1-216-071-00	METAL CHIP 8.2K 5% 1/10W	
R127	1-216-049-00	METAL CHIP 1K 5% 1/10W	
R128	1-216-067-00	METAL CHIP 5.6K 5% 1/10W	
R129	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R130	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R131	1-216-053-00	METAL CHIP 1.5K 5% 1/10W	
R132	1-216-061-00	METAL CHIP 3.3K 5% 1/10W	
R133	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R134	1-216-043-00	METAL CHIP 560 5% 1/10W	
R135	1-216-057-00	METAL CHIP 2.2K 5% 1/10W	
R136	1-216-113-00	METAL CHIP 470K 5% 1/10W	
R137	1-216-051-00	METAL CHIP 1.2K 5% 1/10W	
R138	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R139	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R140	1-216-065-00	METAL CHIP 4.7K 5% 1/10W	
R141	1-216-097-00	METAL CHIP 100K 5% 1/10W	
R142	1-216-097-00	METAL CHIP 100K 5% 1/10W	
R143	1-216-097-00	METAL CHIP 100K 5% 1/10W	

Ref. No.	Part No.	Description			Remark
R146	1-216-073-00	METAL CHIP	10K	5%	1/10W
R147	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R148	1-216-073-00	METAL CHIP	10K	5%	1/10W
R149	1-216-073-00	METAL CHIP	10K	5%	1/10W
R150	1-216-097-00	METAL CHIP	100K	5%	1/10W
R151	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R152	1-216-089-00	METAL CHIP	47K	5%	1/10W
R153	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R154	1-216-089-00	METAL CHIP	47K	5%	1/10W
R155	1-216-049-00	METAL CHIP	1K	5%	1/10W
R156	1-216-081-00	METAL CHIP	22K	5%	1/10W
R157	1-216-103-00	METAL CHIP	180K	5%	1/10W
R158	1-216-081-00	METAL CHIP	22K	5%	1/10W
R159	1-216-073-00	METAL CHIP	10K	5%	1/10W
R160	1-216-077-00	METAL CHIP	15K	5%	1/10W
R161	1-216-079-00	METAL CHIP	18K	5%	1/10W
R162	1-216-097-00	METAL CHIP	100K	5%	1/10W
R163	1-216-049-00	METAL CHIP	1K	5%	1/10W
R164	1-216-081-00	METAL CHIP	22K	5%	1/10W
R165	1-216-103-00	METAL CHIP	180K	5%	1/10W
R166	1-216-081-00	METAL CHIP	22K	5%	1/10W
R167	1-216-073-00	METAL CHIP	10K	5%	1/10W
R168	1-216-077-00	METAL CHIP	15K	5%	1/10W
R169	1-216-079-00	METAL CHIP	18K	5%	1/10W
R170	1-216-097-00	METAL CHIP	100K	5%	1/10W
R171	1-216-089-00	METAL CHIP	47K	5%	1/10W
R172	1-216-089-00	METAL CHIP	47K	5%	1/10W
R173	1-216-089-00	METAL CHIP	47K	5%	1/10W
R174	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R175	1-216-089-00	METAL CHIP	47K	5%	1/10W
R176	1-216-041-00	METAL CHIP	470	5%	1/10W
R177	1-216-097-00	METAL CHIP	100K	5%	1/10W
R178	1-216-025-00	METAL CHIP	100	5%	1/10W
R179	1-216-073-00	METAL CHIP	10K	5%	1/10W
R180	1-216-033-00	METAL CHIP	220	5%	1/10W
R181	1-216-033-00	METAL CHIP	220	5%	1/10W
R182	1-216-113-00	METAL CHIP	470K	5%	1/10W
R183	1-216-079-00	METAL CHIP	18K	5%	1/10W
R184	1-216-047-00	METAL CHIP	820	5%	1/10W
R185	1-216-081-00	METAL CHIP	22K	5%	1/10W
R186	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R187	1-216-093-00	METAL CHIP	68K	5%	1/10W
R188	1-216-109-00	METAL CHIP	330K	5%	1/10W
R189	1-216-105-00	METAL CHIP	220K	5%	1/10W
R190	1-216-117-00	METAL CHIP	680K	5%	1/10W
R192	1-216-097-00	METAL CHIP	100K	5%	1/10W
R193	1-216-097-00	METAL CHIP	100K	5%	1/10W
R194	1-216-081-00	METAL CHIP	22K	5%	1/10W
R197	1-216-073-00	METAL CHIP	10K	5%	1/10W
R198	1-216-113-00	METAL CHIP	470K	5%	1/10W
R199	1-216-079-00	METAL CHIP	18K	5%	1/10W
R200	1-216-047-00	METAL CHIP	820	5%	1/10W
R201	1-216-081-00	METAL CHIP	22K	5%	1/10W
R202	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R203	1-216-093-00	METAL CHIP	68K	5%	1/10W
R204	1-216-109-00	METAL CHIP	330K	5%	1/10W
R205	1-216-105-00	METAL CHIP	220K	5%	1/10W
R206	1-216-117-00	METAL CHIP	680K	5%	1/10W
R208	1-216-097-00	METAL CHIP	100K	5%	1/10W
R209	1-216-097-00	METAL CHIP	100K	5%	1/10W
R210	1-216-081-00	METAL CHIP	22K	5%	1/10W
R213	1-216-049-00	METAL CHIP	1K	5%	1/10W
R214	1-216-049-00	METAL CHIP	1K	5%	1/10W
R215	1-216-049-00	METAL CHIP	1K	5%	1/10W
R216	1-216-033-00	METAL CHIP	220	5%	1/10W
R217	1-216-033-00	METAL CHIP	220	5%	1/10W
R226	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R227	1-216-049-00	METAL CHIP	1K	5%	1/10W
R228	1-216-067-00	METAL CHIP	5.6K	5%	1/10W
R229	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R230	1-216-113-00	METAL CHIP	470K	5%	1/10W
R231	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R232	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R233	1-216-113-00	METAL CHIP	470K	5%	1/10W
R234	1-216-043-00	METAL CHIP	560	5%	1/10W
R235	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R236	1-216-113-00	METAL CHIP	470K	5%	1/10W
R237	1-216-051-00	METAL CHIP	1.2K	5%	1/10W
R238	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R239	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R240	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R241	1-216-073-00	METAL CHIP	10K	5%	1/10W
R242	1-216-097-00	METAL CHIP	100K	5%	1/10W
R243	1-216-097-00	METAL CHIP	100K	5%	1/10W
R250	1-216-037-00	METAL CHIP	330	5%	1/10W
R251	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R252	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R253	1-216-077-00	METAL CHIP	15K	5%	1/10W
R254	1-216-073-00	METAL CHIP	10K	5%	1/10W
R255	1-216-097-00	METAL CHIP	100K	5%	1/10W
R256	1-216-025-00	METAL CHIP	100	5%	1/10W
R257	1-216-025-00	METAL CHIP	100	5%	1/10W
R258	1-216-041-00	METAL CHIP	470	5%	1/10W
R259	1-216-041-00	METAL CHIP	470	5%	1/10W
R261	1-216-017-00	METAL CHIP	47	5%	1/10W
R264	1-216-089-00	METAL CHIP	47K	5%	1/10W
R265	1-216-089-00	METAL CHIP	47K	5%	1/10W
R266	1-216-121-00	METAL CHIP	1M	5%	1/10W

DSP PANEL

Ref. No.	Part No.	Description			Remark
R267	1-216-121-00	METAL CHIP	1M	5%	1/10W
R268	1-216-025-00	METAL CHIP	100	5%	1/10W
R269	1-216-025-00	METAL CHIP	100	5%	1/10W
R272	1-216-113-00	METAL CHIP	470K	5%	1/10W
R274	1-216-041-00	METAL CHIP	470	5%	1/10W
R275	1-216-025-00	METAL CHIP	100	5%	1/10W
R276	1-216-025-00	METAL CHIP	100	5%	1/10W
R277	1-216-049-00	METAL CHIP	1K	5%	1/10W
R279	1-216-079-00	METAL CHIP	18K	5%	1/10W
R280	1-216-025-00	METAL CHIP	100	5%	1/10W
R281	1-216-025-00	METAL CHIP	100	5%	1/10W
R282	1-216-025-00	METAL CHIP	100	5%	1/10W
R283	1-216-025-00	METAL CHIP	100	5%	1/10W
R284	1-216-033-00	METAL CHIP	220	5%	1/10W
R285	1-216-025-00	METAL CHIP	100	5%	1/10W
R286	1-216-001-00	METAL CHIP	10	5%	1/10W
R287	1-216-089-00	METAL CHIP	47K	5%	1/10W
R288	1-216-089-00	METAL CHIP	47K	5%	1/10W
R289	1-216-033-00	METAL CHIP	220	5%	1/10W
R290	1-216-033-00	METAL CHIP	220	5%	1/10W
R291	1-216-073-00	METAL CHIP	10K	5%	1/10W
R292	1-216-079-00	METAL CHIP	18K	5%	1/10W
R293	1-216-073-00	METAL CHIP	10K	5%	1/10W
R294	1-216-025-00	METAL CHIP	100	5%	1/10W
R295	1-216-121-00	METAL CHIP	1M	5%	1/10W
R296	1-216-121-00	METAL CHIP	1M	5%	1/10W
R297	1-216-097-00	METAL CHIP	100K	5%	1/10W
R298	1-216-097-00	METAL CHIP	100K	5%	1/10W
R301	1-216-025-00	METAL CHIP	100	5%	1/10W
R302	1-216-025-00	METAL CHIP	100	5%	1/10W
R306	1-216-097-00	METAL CHIP	100K	5%	1/10W
R307	1-216-017-00	METAL CHIP	47	5%	1/10W
R308	1-216-041-00	METAL CHIP	470	5%	1/10W
R309	1-216-073-00	METAL CHIP	10K	5%	1/10W
R310	1-216-073-00	METAL CHIP	10K	5%	1/10W
R311	1-216-073-00	METAL CHIP	10K	5%	1/10W
R312	1-216-073-00	METAL CHIP	10K	5%	1/10W
R313	1-216-073-00	METAL CHIP	10K	5%	1/10W
R314	1-216-073-00	METAL CHIP	10K	5%	1/10W
R317	1-216-025-00	METAL CHIP	100	5%	1/10W
R318	1-216-295-00	METAL CHIP	0	5%	1/10W
R319	1-216-113-00	METAL CHIP	470K	5%	1/10W
R321	1-216-121-00	METAL CHIP	1M	5%	1/10W
R330	1-216-089-00	METAL CHIP	47K	5%	1/10W
R331	1-216-075-00	METAL CHIP	12K	5%	1/10W
R332	1-216-075-00	METAL CHIP	12K	5%	1/10W
R333	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R334	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R335	1-216-075-00	METAL CHIP	12K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R336	1-216-075-00	METAL CHIP	12K	5%	1/10W
R337	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R338	1-216-061-00	METAL CHIP	3.3K	5%	1/10W
R339	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R340	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R341	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R342	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R343	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R344	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R345	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R346	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R347	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R348	1-216-088-00	METAL CHIP	43K	5%	1/10W
R349	1-216-129-00	METAL CHIP	2.2M	5%	1/10W
R350	1-216-081-00	METAL CHIP	22K	5%	1/10W
R352	1-216-083-00	METAL CHIP	27K	5%	1/10W
R353	1-216-088-00	METAL CHIP	43K	5%	1/10W
R354	1-216-089-00	METAL CHIP	47K	5%	1/10W
R355	1-216-033-00	METAL CHIP	220	5%	1/10W
R358	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R359	1-216-129-00	METAL CHIP	2.2M	5%	1/10W
R360	1-216-001-00	METAL CHIP	10	5%	1/10W
R364	1-216-033-00	METAL CHIP	220	5%	1/10W
R398	1-216-076-00	METAL CHIP	13K	5%	1/10W
R399	1-216-076-00	METAL CHIP	13K	5%	1/10W
R501	1-216-121-00	METAL CHIP	1M	5%	1/10W
R502	1-216-071-00	METAL CHIP	8.2K	5%	1/10W
R503	1-216-055-00	METAL CHIP	1.8K	5%	1/10W
R504	1-216-073-00	METAL CHIP	10K	5%	1/10W
R505	1-216-081-00	METAL CHIP	22K	5%	1/10W
R506	1-216-081-00	METAL CHIP	22K	5%	1/10W
R507	1-216-073-00	METAL CHIP	10K	5%	1/10W
R508	1-216-081-00	METAL CHIP	22K	5%	1/10W
R511	1-216-081-00	METAL CHIP	22K	5%	1/10W
R514	1-216-081-00	METAL CHIP	22K	5%	1/10W
R516	1-216-073-00	METAL CHIP	10K	5%	1/10W
R518	1-216-073-00	METAL CHIP	10K	5%	1/10W
R520	1-216-089-00	METAL CHIP	47K	5%	1/10W
R521	1-216-025-00	METAL CHIP	100	5%	1/10W
R522	1-216-025-00	METAL CHIP	100	5%	1/10W
R523	1-216-121-00	METAL CHIP	1M	5%	1/10W
R524	1-216-025-00	METAL CHIP	100	5%	1/10W
R525	1-216-025-00	METAL CHIP	100	5%	1/10W
R526	1-216-025-00	METAL CHIP	100	5%	1/10W
R527	1-216-025-00	METAL CHIP	100	5%	1/10W
R528	1-216-025-00	METAL CHIP	100	5%	1/10W
R529	1-216-025-00	METAL CHIP	100	5%	1/10W
R530	1-216-025-00	METAL CHIP	100	5%	1/10W
R531	1-216-025-00	METAL CHIP	100	5%	1/10W

Ref. No.	Part No.	Description			Remark
R532	1-216-025-00	METAL CHIP	100	5%	1/10W
R534	1-216-073-00	METAL CHIP	10K	5%	1/10W
R535	1-216-025-00	METAL CHIP	100	5%	1/10W
R536	1-216-025-00	METAL CHIP	100	5%	1/10W
R537	1-216-025-00	METAL CHIP	100	5%	1/10W
R538	1-216-025-00	METAL CHIP	100	5%	1/10W
R539	1-216-025-00	METAL CHIP	100	5%	1/10W
R540	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R541	1-216-053-00	METAL CHIP	1.5K	5%	1/10W
R542	1-216-025-00	METAL CHIP	100	5%	1/10W
R543	1-216-025-00	METAL CHIP	100	5%	1/10W
R544	1-216-027-00	METAL CHIP	120	5%	1/10W
R545	1-216-027-00	METAL CHIP	120	5%	1/10W
R546	1-216-027-00	METAL CHIP	120	5%	1/10W
R547	1-216-027-00	METAL CHIP	120	5%	1/10W
R548	1-216-029-00	METAL CHIP	150	5%	1/10W
R549	1-216-029-00	METAL CHIP	150	5%	1/10W
R550	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R551	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R552	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R553	1-216-057-00	METAL CHIP	2.2K	5%	1/10W
R554	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R555	1-216-063-00	METAL CHIP	3.9K	5%	1/10W
R556	1-216-075-00	METAL CHIP	12K	5%	1/10W
R557	1-216-075-00	METAL CHIP	12K	5%	1/10W
R558	1-216-025-00	METAL CHIP	100	5%	1/10W
R560	1-216-027-00	METAL CHIP	120	5%	1/10W
R561	1-216-027-00	METAL CHIP	120	5%	1/10W
R562	1-216-021-00	METAL CHIP	68	5%	1/10W
R563	1-216-021-00	METAL CHIP	68	5%	1/10W
R564	1-216-021-00	METAL CHIP	68	5%	1/10W
R565	1-216-027-00	METAL CHIP	120	5%	1/10W
R566	1-216-027-00	METAL CHIP	120	5%	1/10W
R567	1-216-049-00	METAL CHIP	1K	5%	1/10W
R568	1-216-073-00	METAL CHIP	10K	5%	1/10W
R569	1-216-049-00	METAL CHIP	1K	5%	1/10W
R570	1-216-025-00	METAL CHIP	100	5%	1/10W
R572	1-216-025-00	METAL CHIP	100	5%	1/10W
R573	1-216-025-00	METAL CHIP	100	5%	1/10W
R574	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R575	1-216-089-00	METAL CHIP	47K	5%	1/10W
R577	1-216-073-00	METAL CHIP	10K	5%	1/10W
R578	1-216-073-00	METAL CHIP	10K	5%	1/10W
R579	1-216-073-00	METAL CHIP	10K	5%	1/10W
R580	1-216-025-00	METAL CHIP	100	5%	1/10W
R581	1-216-025-00	METAL CHIP	100	5%	1/10W
R582	1-216-073-00	METAL CHIP	10K	5%	1/10W
R583	1-216-049-00	METAL CHIP	1K	5%	1/10W
R584	1-216-049-00	METAL CHIP	1K	5%	1/10W

Ref. No.	Part No.	Description			Remark
R585	1-216-049-00	METAL CHIP	1K	5%	1/10W
R586	1-216-049-00	METAL CHIP	1K	5%	1/10W
R587	1-216-049-00	METAL CHIP	1K	5%	1/10W
R588	1-216-049-00	METAL CHIP	1K	5%	1/10W
R589	1-216-049-00	METAL CHIP	1K	5%	1/10W
R590	1-216-049-00	METAL CHIP	1K	5%	1/10W
R591	1-216-019-00	METAL CHIP	56	5%	1/10W
R592	1-216-019-00	METAL CHIP	56	5%	1/10W
R593	1-216-019-00	METAL CHIP	56	5%	1/10W
R594	1-216-073-00	METAL CHIP	10K	5%	1/10W
R621	1-216-049-00	METAL CHIP	1K	5%	1/10W
R622	1-216-049-00	METAL CHIP	1K	5%	1/10W
R623	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1201	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R1203	1-216-093-00	METAL CHIP	68K	5%	1/10W
R1204	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1205	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1206	1-216-077-00	METAL CHIP	15K	5%	1/10W
R1207	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1208	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R1209	1-216-121-00	METAL CHIP	1M	5%	1/10W
R1210	1-216-097-00	METAL CHIP	100K	5%	1/10W
R1211	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1212	1-216-097-00	METAL CHIP	100K	5%	1/10W
R1213	1-216-113-00	METAL CHIP	470K	5%	1/10W
R1251	1-216-065-00	METAL CHIP	4.7K	5%	1/10W
R1253	1-216-093-00	METAL CHIP	68K	5%	1/10W
R1254	1-216-689-11	METAL CHIP	39K	0.5%	1/10W
R1255	1-216-081-00	METAL CHIP	22K	5%	1/10W
R1256	1-216-077-00	METAL CHIP	15K	5%	1/10W
R1257	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1258	1-216-069-00	METAL CHIP	6.8K	5%	1/10W
R1259	1-216-121-00	METAL CHIP	1M	5%	1/10W
R1260	1-216-097-00	METAL CHIP	100K	5%	1/10W
R1261	1-216-109-00	METAL CHIP	330K	5%	1/10W
R1262	1-216-109-00	METAL CHIP	330K	5%	1/10W
R1263	1-216-113-00	METAL CHIP	470K	5%	1/10W
R1270	1-216-073-00	METAL CHIP	10K	5%	1/10W
R1301	1-216-049-00	METAL CHIP	1K	5%	1/10W
R1302	1-216-049-00	METAL CHIP	1K	5%	1/10W
R1303	1-216-049-00	METAL CHIP	1K	5%	1/10W
R3556	1-216-033-00	METAL CHIP	220	5%	1/10W

< SWITCH >

S501	1-554-303-21	SWITCH, TACTILE (SYSTEM POWER)
S502	1-554-303-21	SWITCH, TACTILE (DISPLAY)
S503	1-554-303-21	SWITCH, TACTILE (DSP)
S504	1-554-303-21	SWITCH, TACTILE (WAKE UP VOL SET)
S505	1-554-303-21	SWITCH, TACTILE (BALANCE)

DSP PANEL ELECT CAPACITOR FLD POWER AMPLIFIER SPEAKER TRANSFORMER (A) TRANSFORMER (B) VOL

Ref. No.	Part No.	Description	Remark
S506	1-554-303-21	SWITCH, TACTILE (PRESET)	
S507	1-554-303-21	SWITCH, TACTILE (PARAMETRIC EQUALIZER)	
S508	1-554-303-21	SWITCH, TACTILE (DYNAMIC SOUND)	
S509	1-554-303-21	SWITCH, TACTILE (PRESENCE SURROUND)	
S510	1-554-303-21	SWITCH, TACTILE (ON/OFF)	
S511	1-554-303-21	SWITCH, TACTILE (AI BC)	
S512	1-554-303-21	SWITCH, TACTILE (MEMORY)	
S513	1-554-303-21	SWITCH, TACTILE (CURSOR CONTROL ◀)	
S514	1-554-303-21	SWITCH, TACTILE (CURSOR CONTROL ▲)	
S515	1-554-303-21	SWITCH, TACTILE (CURSOR CONTROL ▼)	
S516	1-554-303-21	SWITCH, TACTILE (CURSOR CONTROL ▶)	
S517	1-554-303-21	SWITCH, TACTILE (VIDEO FUNCTION)	
S518	1-554-303-21	SWITCH, TACTILE (AUDIO FUNCTION)	
		< VIBRATOR >	
X100	1-578-667-11	VIBRATOR, CRYSTAL (49.152MHz)	
X101	1-577-253-11	VIBRATOR, CERAMIC (16.93MHz)	
X102	1-579-125-11	VIBRATOR, CERAMIC (8MHz)	
X501	1-579-351-11	VIBRATOR, CERAMIC (15MHz)	
X502	1-579-125-11	VIBRATOR, CERAMIC (8MHz)	
**********			
*	1-642-420-11	ELECT CAPACITOR BOARD	
		**********	
*	A-4345-999-A	FLD BOARD, COMPLETE	
		**********	
*	A-4347-010-A	POWER AMPLIFIER BOARD, COMPLETE (AEP, UK)	
*	A-4347-013-A	POWER AMPLIFIER BOARD, COMPLETE (G, IT)	
		**********	
*	1-642-416-11	SPEAKER BOARD	
		**********	
*	1-642-418-11	TRANSFORMER (A) BOARD	
		**********	
*	1-642-419-11	TRANSFORMER (B) BOARD	
		**********	
*	1-642-415-11	VOL BOARD	
		*********	
		< CAPACITOR >	
C601	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C602	1-126-933-11	ELECT 100uF 20% 16V	
C603	1-124-915-11	ELECT 10uF 20% 63V	
C604	1-124-915-11	ELECT 10uF 20% 63V	
C701	1-126-176-11	ELECT 220uF 20% 10V	
C702	1-126-176-11	ELECT 220uF 20% 10V	
C704	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C706	1-124-927-11	ELECT 4.7uF 20% 100V	
C707	1-126-101-11	ELECT 100uF 20% 16V	
C708	1-124-907-11	ELECT 10uF 20% 50V	
C709	1-164-159-11	CERAMIC 0.1uF 50V	
C710	1-124-910-11	ELECT 47uF 20% 50V	
C711	1-164-159-11	CERAMIC 0.1uF 50V	
C712	1-164-159-11	CERAMIC 0.1uF 50V	
C801	1-124-907-11	ELECT 10uF 20% 50V	
C802	1-162-294-31	CERAMIC (AEP, UK) 0.001uF 10% 50V	
C803	1-162-282-31	CERAMIC 100PF 10% 50V	
C804	1-124-927-11	ELECT 4.7uF 20% 100V	
C806	1-136-165-00	FILM 0.1uF 5% 50V	
C807	1-136-165-00	FILM 0.1uF 5% 50V	
C808	1-136-165-00	FILM 0.1uF 5% 50V	
C809	1-136-165-00	FILM 0.1uF 5% 50V	
C811	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C821	1-124-907-11	ELECT 10uF 20% 50V	
C822	1-162-294-31	CERAMIC (AEP, UK) 0.001uF 10% 50V	
C823	1-162-282-31	CERAMIC 100PF 10% 50V	
C824	1-124-927-11	ELECT 4.7uF 20% 100V	
C828	1-136-165-00	FILM 0.1uF 5% 50V	
C829	1-136-165-00	FILM 0.1uF 5% 50V	
C831	1-162-306-11	CERAMIC (AEP, UK) 0.01uF 20% 16V	
C851	1-124-907-11	ELECT 10uF 20% 50V	
C852	1-162-294-31	CERAMIC (AEP, UK) 0.001uF 10% 50V	
C853	1-162-282-31	CERAMIC 100PF 10% 50V	
C854	1-124-927-11	ELECT 4.7uF 20% 100V	
C856	1-136-165-00	FILM 0.1uF 5% 50V	
C857	1-136-165-00	FILM 0.1uF 5% 50V	
C858	1-136-165-00	FILM 0.1uF 5% 50V	
C859	1-136-165-00	FILM 0.1uF 5% 50V	
C861	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C871	1-124-907-11	ELECT 10uF 20% 50V	
C872	1-162-294-31	CERAMIC (AEP, UK) 0.001uF 10% 50V	
C873	1-162-282-31	CERAMIC 100PF 10% 50V	
C874	1-124-927-11	ELECT 4.7uF 20% 100V	
C878	1-136-165-00	FILM 0.1uF 5% 50V	
C879	1-136-165-00	FILM 0.1uF 5% 50V	
C881	1-162-306-11	CERAMIC 0.01uF 20% 16V	
C891	1-136-153-00	FILM 0.01uF 5% 50V (G, IT)	
C892	1-136-153-00	FILM 0.01uF 5% 50V (G, IT)	
C893	1-136-153-00	FILM 0.01uF 5% 50V (G, IT)	
C894	1-136-153-00	FILM 0.01uF 5% 50V (G, IT)	
C901	1-126-224-11	ELECT 4700uF 20% 42V	
C902	1-126-224-11	ELECT 4700uF 20% 42V	
C905	1-136-171-00	FILM 0.33uF 5% 50V	
C906	1-136-171-00	FILM 0.33uF 5% 50V	
C923	1-124-911-11	ELECT 220uF 20% 50V	
C924	1-124-911-11	ELECT 220uF 20% 50V	
C925	1-124-122-11	ELECT 100uF 20% 50V	
C926	1-164-159-11	CERAMIC 0.1uF 50V	

ELECT CAPACITOR | FLD | POWER AMPLIFIER | SPEAKER | TRANSFORMER (A) | TRANSFORMER (B) | VOL

Ref. No.	Part No.	Description			Remark
C941	1-162-294-31	CERAMIC	0.001uF	10%	50V
C942	1-162-294-31	CERAMIC	0.001uF	10%	50V
C943	1-162-294-31	CERAMIC	0.001uF	10%	50V
C944	1-162-294-31	CERAMIC	0.001uF	10%	50V
C1001	1-123-605-00	ELECT	100uF	20%	100V
C1002	1-124-667-11	ELECT	10uF	20%	100V
C1003	1-124-667-11	ELECT	10uF	20%	100V
C1004	1-124-667-11	ELECT	10uF	20%	100V
C1005	1-124-667-11	ELECT	10uF	20%	100V
		< CONNECTOR >			
CN601	1-560-942-00	PIN, CONNECTOR 6P			
CN891	1-563-311-11	CONNECTOR, BOARD TO BOARD 10P			
* CN892	1-564-518-11	PLUG, CONNECTOR 3P			
CNJ603	1-569-656-11	HOUSING, CONNECTOR 8P			
CNJ604	1-573-147-11	HOUSING, CONNECTOR 12P			
CNJ902	1-573-095-11	SOCKET, CONNECTOR 15P			
* CNJ911	1-573-094-11	SOCKET, CONNECTOR 13P			
* CNJ912	1-573-094-11	SOCKET, CONNECTOR 13P			
CNP602	1-568-319-11	SOCKET, CONNECTOR 8P			
CNP605	1-564-507-11	PLUG, CONNECTOR 4P			
* CNP606	1-564-505-11	PLUG, CONNECTOR 2P			
* CNP801	1-564-521-11	PLUG, CONNECTOR 6P			
* CNP802	1-573-087-11	PIN, CONNECTOR 13P			
* CNP903	1-564-321-00	PIN, CONNECTOR 2P			
		< DIODE >			
D601	8-719-987-63	DIODE	1N4148M		
D602	8-719-987-63	DIODE	1N4148M		
D701	8-719-987-63	DIODE	1N4148M		
D702	8-719-987-63	DIODE	1N4148M		
D703	8-719-987-63	DIODE	1N4148M		
D704	8-719-987-63	DIODE	1N4148M		
D705	8-719-987-63	DIODE	1N4148M		
D706	8-719-987-63	DIODE	1N4148M		
D801	8-719-987-63	DIODE	1N4148M		
D802	8-719-987-63	DIODE	1N4148M		
D821	8-719-987-63	DIODE	1N4148M		
D822	8-719-987-63	DIODE	1N4148M		
D851	8-719-987-63	DIODE	1N4148M		
D852	8-719-987-63	DIODE	1N4148M		
D871	8-719-987-63	DIODE	1N4148M		
D872	8-719-987-63	DIODE	1N4148M		
D915	8-719-200-82	DIODE	11ES2		
D916	8-719-200-82	DIODE	11ES2		
D917	8-719-934-22	DIODE	HZS30-2L		
D918	8-719-014-88	DIODE	UZP-6.8BC		
D1001	8-719-200-82	DIODE	11ES2		
D1002	8-719-200-82	DIODE	11ES2		
D1003	8-719-200-82	DIODE	11ES2		
D1004	8-719-200-82	DIODE	11ES2		
D1005	8-719-987-63	DIODE	1N4148M		
D1006	8-719-002-73	DIODE	UZL-36M		
D1007	8-719-002-73	DIODE	UZL-36M		
D1008	8-719-934-26	DIODE	HZS33-2L		
D1009	8-719-934-26	DIODE	HZS33-2L		
D1010	8-719-934-22	DIODE	HZS30-2L		
		< IC >			
IC601	8-759-820-62	IC	LB1639		
IC701	8-759-111-68	IC	uPC1237HA		
IC702	8-759-987-16	IC	LM393P		
IC703	8-759-512-73	IC	LM35DZ-SL		
IC801	8-759-069-56	IC	LM3875-Q		
IC821	8-759-069-56	IC	LM3875-Q		
IC851	8-759-069-56	IC	LM3875-Q		
IC871	8-759-069-56	IC	LM3875-Q		
		< JACK >			
J891	1-537-336-11	TERMINAL BOARD (SPEAKER)			
J892	1-573-110-11	JACK, PIN 2P (SURROUND SPEAKER)			
		< COIL >			
* L801	1-420-872-00	COIL, AIR CORE			
* L821	1-420-872-00	COIL, AIR CORE			
* L851	1-420-872-00	COIL, AIR CORE			
* L871	1-420-872-00	COIL, AIR CORE			
		< TRANSISTOR >			
Q601	8-729-801-93	TRANSISTOR	2SD1387		
Q602	8-729-900-80	TRANSISTOR	DTC114ES		
Q701	8-729-119-76	TRANSISTOR	2SA1175-HFE		
Q801	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q821	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q851	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q871	8-729-140-84	TRANSISTOR	2SC1841-PAFAEA		
Q1001	8-729-111-29	TRANSISTOR	2SD1616A-K		
Q1002	8-729-111-29	TRANSISTOR	2SD1616A-K		
		< RESISTOR >			
⚠R601	1-212-849-00	FUSIBLE	4.7	5%	1/4W
R602	1-249-422-11	CARBON	2.7K	5%	1/4W
R603	1-249-422-11	CARBON	2.7K	5%	1/4W
R604	1-249-425-11	CARBON	4.7K	5%	1/4W
R605	1-249-425-11	CARBON	4.7K	5%	1/4W
R606	1-249-416-11	CARBON	820	5%	1/4W
R607	1-249-425-11	CARBON	4.7K	5%	1/4W
R701	1-249-433-11	CARBON	22K	5%	1/4W

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

ELECT CAPACITOR | FLD | POWER AMPLIFIER | SPEAKER | TRANSFORMER (A) | TRANSFORMER (B) | VOL | JACK | POWER

Ref. No.	Part No.	Description				Remark
R702	1-249-441-11	CARBON	100K	5%	1/4W	
R703	1-249-433-11	CARBON	22K	5%	1/4W	
R704	1-249-433-11	CARBON	22K	5%	1/4W	
R705	1-249-429-11	CARBON	10K	5%	1/4W	
R706	1-249-429-11	CARBON	10K	5%	1/4W	
R707	1-249-429-11	CARBON	10K	5%	1/4W	
R708	1-249-424-11	CARBON	3.9K	5%	1/4W	
R709	1-249-427-11	CARBON	6.8K	5%	1/4W	
R710	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-417-11	CARBON	1K	5%	1/4W	
R712	1-249-437-11	CARBON	47K	5%	1/4W	
R713	1-249-441-11	CARBON	100K	5%	1/4W	
R714	1-249-417-11	CARBON	1K	5%	1/4W	
R715	1-249-393-11	CARBON	10	5%	1/4W	
R801	1-249-417-11	CARBON	1K	5%	1/4W	
R802	1-249-437-11	CARBON	47K	5%	1/4W	
R803	1-249-420-11	CARBON	1.8K	5%	1/4W	
R804	1-247-870-11	CARBON	43K	5%	1/4W	
⚠R805	1-217-151-00	RES, METAL PLATE	0.22		2W	
R806	1-249-417-11	CARBON	1K	5%	1/4W	
R807	1-249-431-11	CARBON	15K	5%	1/4W	
R808	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R809	1-212-958-00	FUSIBLE	10	5%	1/2W	F
R810	1-249-439-11	CARBON	68K	5%	1/4W	
R811	1-249-429-11	CARBON	10K	5%	1/4W	
R821	1-249-417-11	CARBON	1K	5%	1/4W	
R822	1-249-437-11	CARBON	47K	5%	1/4W	
R823	1-249-420-11	CARBON	1.8K	5%	1/4W	
R824	1-247-874-11	CARBON	62K	5%	1/4W	
⚠R825	1-217-151-00	RES, METAL PLATE	0.22		2W	
R826	1-249-417-11	CARBON	1K	5%	1/4W	
R827	1-249-431-11	CARBON	15K	5%	1/4W	
R828	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R829	1-212-958-00	FUSIBLE	10	5%	1/2W	F
R830	1-249-437-11	CARBON	47K	5%	1/4W	
R831	1-249-429-11	CARBON	10K	5%	1/4W	
R851	1-249-417-11	CARBON	1K	5%	1/4W	
R852	1-249-437-11	CARBON	47K	5%	1/4W	
R853	1-249-420-11	CARBON	1.8K	5%	1/4W	
R854	1-247-870-11	CARBON	43K	5%	1/4W	
⚠R855	1-217-151-00	RES, METAL PLATE	0.22		2W	
R856	1-249-417-11	CARBON	1K	5%	1/4W	
R857	1-249-431-11	CARBON	15K	5%	1/4W	
R858	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R859	1-212-958-00	FUSIBLE	10	5%	1/2W	F
R860	1-249-438-11	CARBON	56K	5%	1/4W	
R861	1-249-429-11	CARBON	10K	5%	1/4W	
R871	1-249-417-11	CARBON	1K	5%	1/4W	
R872	1-249-437-11	CARBON	47K	5%	1/4W	
R873	1-249-420-11	CARBON	1.8K	5%	1/4W	
R874	1-247-874-11	CARBON	62K	5%	1/4W	
⚠R875	1-217-151-00	RES, METAL PLATE	0.22		2W	
R876	1-249-417-11	CARBON	1K	5%	1/4W	
R877	1-249-431-11	CARBON	15K	5%	1/4W	
R878	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R879	1-212-958-00	FUSIBLE	10	5%	1/2W	F
R880	1-249-436-11	CARBON	39K	5%	1/4W	
R881	1-249-429-11	CARBON	10K	5%	1/4W	
R891	1-247-727-11	CARBON	10	5%	1/2W	(G, IT)
R892	1-247-727-11	CARBON	10	5%	1/2W	(G, IT)
R893	1-247-727-11	CARBON	10	5%	1/2W	(G, IT)
R894	1-247-727-11	CARBON	10	5%	1/2W	(G, IT)
R917	1-247-713-11	CARBON	1K	5%	1/4W	
R918	1-249-441-11	CARBON	100K	5%	1/4W	
⚠R1001	1-212-966-00	FUSIBLE	22	5%	1/2W	F
R1002	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1003	1-249-421-11	CARBON	2.2K	5%	1/4W	
R1004	1-247-903-00	CARBON	1M	5%	1/4W	
R1005	1-247-902-11	CARBON	910K	5%	1/4W	
R1006	1-249-433-11	CARBON	22K	5%	1/4W	
⚠R1901	1-219-134-11	FUSIBLE	0.1	5%	1/4W	F
⚠R1902	1-219-134-11	FUSIBLE	0.1	5%	1/4W	F
⚠R1905	9-910-999-33	FUSIBLE	0.22	5%	1/4W	F
⚠R1906	9-910-999-33	FUSIBLE	0.22	5%	1/4W	F

< VARIABLE RESISTOR >

RV601	1-241-803-11	RES, VAR, CARBON (WITH MOTOR)	10K			(VOLUME)

< RELAY >

RY1001	1-515-886-11	RELAY				

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*	1-642-413-11	JACK BOARD				
		**********				
*	A-4347-007-A	POWER BOARD, COMPLETE				(AEP, UK)
*	A-4347-012-A	POWER BOARD, COMPLETE				(G, IT)
		**********				
*	1-533-213-31	HOLDER, FUSE				
*	3-309-144-21	HEAT SINK				
	7-682-547-04	SCREW +BVTT 3X6 (S)				

< CAPACITOR >

C1	1-124-915-11	ELECT	10uF	20%	63V
C2	1-162-306-11	CERAMIC	0.01uF	20%	16V
C3	1-162-306-11	CERAMIC	0.01uF	20%	16V
C5	1-136-153-00	FILM	0.01uF	5%	50V
C7	1-162-306-11	CERAMIC	0.01uF	20%	16V
C8	1-162-294-31	CERAMIC	0.001uF	10%	50V

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

Ref. No.	Part No.	Description			Remark
C651	1-162-282-31	CERAMIC (AEP, UK)	100PF	10%	50V
C651	1-162-286-31	CERAMIC	220PF	10%	50V (G, IT)
C652	1-162-207-31	CERAMIC	22PF	5%	50V (G, IT)
C652	1-162-215-31	CERAMIC (AEP, UK)	47PF	5%	50V
C653	1-161-379-00	CERAMIC	0.01uF	20%	25V
C654	1-161-379-00	CERAMIC	0.01uF	20%	25V (G, IT)
C654	1-162-294-31	CERAMIC (AEP, UK)	0.001uF	10%	50V
C655	1-124-282-00	ELECT	22uF	20%	25V
C656	1-124-119-00	ELECT	330uF	20%	16V
C661	1-162-282-31	CERAMIC (AEP, UK)	100PF	10%	50V
C661	1-162-286-31	CERAMIC	220PF	10%	50V (G, IT)
C662	1-162-207-31	CERAMIC	22PF	5%	50V (G, IT)
C662	1-162-215-31	CERAMIC (AEP, UK)	47PF	5%	50V
C663	1-161-379-00	CERAMIC	0.01uF	20%	25V
C664	1-161-379-00	CERAMIC	0.01uF	20%	25V (G, IT)
C664	1-162-294-31	CERAMIC (AEP, UK)	0.001uF	10%	50V
C665	1-124-282-00	ELECT	22uF	20%	25V
C666	1-124-119-00	ELECT	330uF	20%	16V
C903	1-126-943-11	ELECT	2200uF	20%	25V
C904	1-126-943-11	ELECT	2200uF	20%	25V
C907	1-136-165-00	FILM	0.1uF	5%	50V
C908	1-136-165-00	FILM	0.1uF	5%	50V
C909	1-124-477-11	ELECT	47uF	20%	25V
C910	1-124-477-11	ELECT	47uF	20%	25V
C911	1-124-915-11	ELECT	10uF	20%	63V
C912	1-124-915-11	ELECT	10uF	20%	63V
C913	1-124-915-11	ELECT	10uF	20%	63V
C914	1-126-937-11	ELECT (AEP, UK)	4700uF	20%	16V
C915	1-124-915-11	ELECT	10uF	20%	63V
C916	1-124-915-11	ELECT	10uF	20%	63V
C917	1-126-947-11	ELECT	47uF	20%	35V
C918	1-124-915-11	ELECT	10uF	20%	63V
C1101	1-126-948-11	ELECT	100uF	20%	35V
C1102	1-124-915-11	ELECT	10uF	20%	63V
C1103	1-161-379-00	CERAMIC	0.01uF	20%	25V
C2000	1-101-006-00	CERAMIC	0.047uF		50V

< CONNECTOR >

* CN902	1-564-506-11	PLUG, CONNECTOR 3P
* CN904	1-564-506-11	PLUG, CONNECTOR 3P
* CNJ1	1-580-739-11	SOCKET, CONNECTOR 15P (SYSTEM CONTROL 1)
* CNJ2	1-580-740-11	SOCKET, CONNECTOR 17P (SYSTEM CONTROL 2)
* CNJ3	1-563-534-11	CONNECTOR, BOARD TO BOARD 16P
* CNP7	1-564-499-11	PIN, CONNECTOR 6P
* CNP8	1-564-498-11	PIN, CONNECTOR 5P
* CNP903	1-564-321-00	PIN, CONNECTOR 2P
* CNP905	1-573-087-11	PIN, CONNECTOR 13P
CNP906	1-573-109-11	PIN, CONNECTOR 15P
* CNP907	1-506-981-11	PIN, CONNECTOR 10P
CNP908	1-568-317-11	SOCKET, CONNECTOR 6P
* CNP909	1-573-148-11	PLUG, CONNECTOR 12P
* CNP910	1-564-338-00	PIN, CONNECTOR 4P
* CNP911	1-564-505-11	PLUG, CONNECTOR 2P

< DIODE >

D891	8-719-987-63	DIODE	1N4148M
D892	8-719-987-63	DIODE	1N4148M
D901	8-719-510-68	DIODE	D5SBA20F01
D902	8-719-987-63	DIODE	1N4148M
D903	8-719-987-63	DIODE	1N4148M
D904	8-719-200-82	DIODE	11ES2
D905	8-719-200-82	DIODE	11ES2
D906	8-719-200-82	DIODE	11ES2
D907	8-719-200-82	DIODE	11ES2
D908	8-719-200-82	DIODE	11ES2
D909	8-719-200-82	DIODE	11ES2
D910	8-719-987-63	DIODE	1N4148M
D911	8-719-933-36	DIODE	HZS6B1L
D919	8-719-987-63	DIODE	1N4148M
D920	8-719-987-63	DIODE	1N4148M
D1101	8-719-200-82	DIODE	11ES2
D1102	8-719-200-82	DIODE	11ES2

< IC >

IC1	8-749-921-11	IC	GP1F32R (DIGITAL OPTICAL CD IN)
IC2	8-749-921-11	IC	GP1F32R (DIGITAL OPTICAL DAT IN)
IC3	8-749-921-12	IC	GP1F32T (DIGITAL OPTICAL DAT OUT)
IC651	8-759-634-50	IC	M5218AL
IC901	8-759-602-66	IC	M5230L-A

< JACK >

J2	1-569-662-11	JACK, PIN 1P (SUPER WOOFER OUT)
J651	1-562-837-21	JACK (HEADPHONES)
⚠J901	1-526-931-11	INLET, AC (~ AC IN)

< COIL >

L1	1-410-397-21	FERRITE BEAD INDUCTOR

< LINE FILTER >

⚠L901	1-424-485-11	FILTER, LINE

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

JACK POWER

Ref.No.	Part No.	Description				Remark
		< TRANSISTOR >				
Q651	8-729-141-30	TRANSISTOR	2SC3623A-LK			
Q652	8-729-900-61	TRANSISTOR	DTA114ES			
Q661	8-729-141-30	TRANSISTOR	2SC3623A-LK			
Q901	8-729-209-15	TRANSISTOR	2SD2012			
Q902	8-729-141-83	TRANSISTOR	2SB1094-LK			
Q903	8-729-900-80	TRANSISTOR	DTC114ES			
Q905	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q906	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q908	8-729-801-84	TRANSISTOR	2SB1013-4			
Q909	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q910	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q911	8-729-620-05	TRANSISTOR	2SC2603-EF			
Q1101	8-729-111-29	TRANSISTOR	2SD1616A-K			
Q1601	8-729-141-30	TRANSISTOR	2SC3623A-LK			
Q1602	8-729-141-30	TRANSISTOR	2SC3623A-LK			
		< RESISTOR >				
⚠R2	9-910-999-33	FUSIBLE	0.22	5%	1/4W	F
⚠R3	9-910-999-33	FUSIBLE	0.22	5%	1/4W	F
R5	1-249-409-11	CARBON	220	5%	1/4W	
R651	1-249-433-11	CARBON	22K	5%	1/4W	
R652	1-247-881-00	CARBON	120K	5%	1/4W	
R653	1-249-405-11	CARBON	100	5%	1/4W	
R654	1-249-419-11	CARBON	1.5K	5%	1/4W	
R655	1-249-422-11	CARBON	2.7K	5%	1/4W	
R656	1-249-405-11	CARBON	100	5%	1/4W	
R657	1-249-441-11	CARBON	100K	5%	1/4W	
R658	1-249-429-11	CARBON	10K	5%	1/4W	
R661	1-249-433-11	CARBON	22K	5%	1/4W	
R662	1-247-881-00	CARBON	120K	5%	1/4W	
R663	1-249-405-11	CARBON	100	5%	1/4W	
R666	1-249-405-11	CARBON	100	5%	1/4W	
R668	1-249-429-11	CARBON	10K	5%	1/4W	
R902	1-247-903-00	CARBON	1M	5%	1/4W	
R905	1-249-413-11	CARBON	470	5%	1/4W	
R906	1-249-434-11	CARBON	27K	5%	1/4W	
R907	1-249-425-11	CARBON	4.7K	5%	1/4W	
R908	1-249-431-11	CARBON	15K	5%	1/4W	
R909	1-249-431-11	CARBON	15K	5%	1/4W	
R910	1-249-419-11	CARBON	1.5K	5%	1/4W	
R911	1-249-429-11	CARBON	10K	5%	1/4W	
R912	1-249-429-11	CARBON	10K	5%	1/4W	
R913	1-249-429-11	CARBON	10K	5%	1/4W	
R914	1-249-429-11	CARBON	10K	5%	1/4W	
R919	1-249-429-11	CARBON	10K	5%	1/4W	
R920	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R921	1-215-863-11	METAL OXIDE	100	5%	1W	F

Ref.No.	Part No.	Description				Remark
R922	1-249-429-11	CARBON	10K	5%	1/4W	
R923	1-249-425-11	CARBON	4.7K	5%	1/4W	
R924	1-249-429-11	CARBON	10K	5%	1/4W	
R925	1-249-429-11	CARBON	10K	5%	1/4W	
R926	1-249-429-11	CARBON	10K	5%	1/4W	
⚠R928	1-216-425-11	METAL OXIDE	56	5%	1W	F
R930	1-249-417-11	CARBON	1K	5%	1/4W	
R931	1-249-441-11	CARBON	100K	5%	1/4W	
R932	1-249-429-11	CARBON	10K	5%	1/4W	
R1101	1-249-429-11	CARBON	10K	5%	1/4W	
		< RELAY >				
RY801	1-515-790-11	RELAY				
RY802	1-515-790-11	RELAY				
RY901	1-515-626-11	RELAY				
RY902	1-515-626-11	RELAY				

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MISCELLANEOUS

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⚠F901	1-532-286-00	FUSE, TIME-LAG (T2.5A)	
IC902	8-759-231-53	IC	M5F7805L
M801	1-541-860-11	MOTOR, DC FAN	
⚠PT901	1-450-881-11	TRANSFORMER, POWER (UK)	
⚠PT901	1-450-883-11	TRANSFORMER, POWER (AEP, G, IT)	
Q904	8-729-209-15	TRANSISTOR	2SD2012

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HARDWARE LIST

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#1	7-685-203-19	SCREW +KTP 2X5 TYPE2 NON-SLIT
#2	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S
#3	7-685-133-19	SCREW +BTP 2.6X6 TYPE2 N-S
#4	7-685-132-19	SCREW +PTPWH 2.6X5 (TYPE2)
#5	7-682-547-04	SCREW +BVTT 3X6 (S)
#6	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S
#7	7-685-645-79	SCREW +BVTP 3X6 TYPE2 IT-3
#8	7-682-547-09	SCREW +BVTT 3X6 (S)

The components identified by mark ⚠ or dotted line with mark. ⚠ are critical for safety. Replace only with part number specified.

9-957-230-11

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Audio Group

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